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ECONOMIC INTELLIGENCE
STATISTICAL HANDBOOK
1965

DIRECTORATE OF INTELLIGENCE
Office of Research and Reports

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GROUP 1
Excluded from automatic
downgrading and
declassification

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FOREWORD

1. *Purpose and Scope*

The *Economic Intelligence Statistical Handbook*, 1965, provides reliable statistics on the economies of the Communist countries* and of the countries of the North Atlantic Treaty Organization (NATO).** Every effort has been made to review all pertinent sources, to provide the latest information possible, to make the data consistent and comparable, and to determine that the data are both accurate and meaningful.

The content and format of the *Handbook* have been revised to make possible more explicit and extensive economic comparisons. New tables have been added, and some tables of marginal interest in previous issues of the *Handbook* have been excluded. The tabular graphics, in which the data are presented in a combined table and chart, are designed for further possible use as visual aids. To facilitate locating all information on a subject, the table of contents has been organized to combine the listing of both graphic material and tables on the same subject. Footnotes have been used liberally throughout the *Handbook* to give definitions, exceptions, and methodology. An unclassified table of Selected Conversion Factors is included after the table of contents, and an index is in the back of the *Handbook*.

The data in the *Handbook* are presented for selected years in the period 1955-64, with plan

* Including the USSR, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Rumania, Communist China, North Korea, North Vietnam, Albania, Cuba, Mongolia, and Yugoslavia.

** Including the US, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the UK, and West Germany. Production data for the Saar before 1960 have been included in the NATO total; for 1960 and after, they have been included in the data for West Germany. Data for Alaska and Hawaii, when available, have been included in the total for the U.S.

data or estimates of plan data given for the Communist countries for 1965. A summary table is presented for each of the Communist countries, selected NATO countries, India, and Japan. The data for Mongolia, because of their scarcity, are presented in a summary table but are not included in the individual commodity or aggregate tables.

2. *Rounding of the Totals*

In each table the data for the individual countries have been rounded consistently to permit the maximum use of available information. Because of the limitations in the cumulative data, the totals have been rounded, with few exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation.

Totals are not presented if missing data are believed to represent a significant part of the total. Data are not presented for countries in which little or no production takes place or for which a significant amount of the data are not available. Because of rounding, components may not add to the totals shown.

3. *Symbols*

In the tables the abbreviation N.A. (not available) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation *Negl.* (negligible) is used when the magnitude of the data is less than half of the final unit employed for each table.

4. *Classification of Data*

The unclassified data, indicated by an asterisk (*), may be official data of the country cited or may be estimates of this Office.

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5. *Sources*

The data given for the most recent years frequently are preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the NATO countries are from pub-

lications of the United Nations and the Organization for Economic Cooperation and Development (OECD), from the official publications of other individual countries of the Free World, and from unclassified publications of the US Government.

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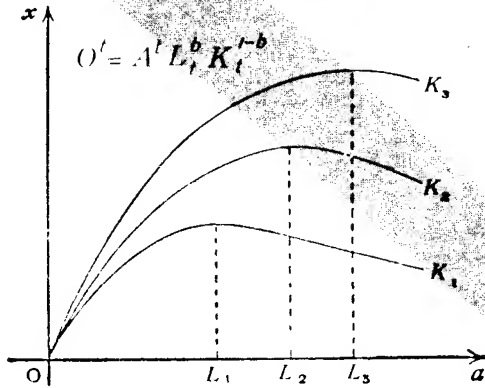
SELECTED CONVERSION FACTORS

To Convert From	To	Multiply By
Acres.....	Hectares.....	0.40468564
Acres.....	Kilometers, square.....	0.004046856
Acres.....	Meters, square.....	4,046.856
Acres.....	Miles, square.....	0.0015625
Feet.....	Meters.....	0.30480061
Feet, cubic.....	Meters, cubic.....	0.028317
Feet, cubic.....	Tons, register.....	0.01
Feet, square.....	Meters, square.....	0.09290341
Gallons, US liquid.....	Meters, cubic.....	0.0037854
Gallons, US liquid.....	Inches, cubic.....	231
Gallons, US liquid.....	Feet, cubic.....	0.1336816
Gallons, US liquid.....	Liters.....	3.785306
Hectares.....	Acres.....	2.471054
Hectares.....	Kilometers, square.....	0.01
Hectares.....	Miles, square.....	0.00386101
Kilometers.....	Miles, US nautical.....	0.539957
Kilometers.....	Miles, US statute.....	0.621371
Kilometers, square.....	Acres.....	247.1054
Kilometers, square.....	Hectares.....	100
Kilometers, square.....	Miles, square.....	0.386101
Meters.....	Feet.....	3.280840
Meters.....	Yards.....	1.093613
Meters, cubic.....	Tons, register.....	0.353147
Meters, cubic.....	Feet, cubic.....	35.314667
Meters, cubic.....	Gallons, US liquid.....	264.17205
Meters, square.....	Feet, square.....	10.763910
Meters, square.....	Yards, square.....	1.195991
Miles, US nautical.....	Kilometers.....	1.852
Miles, square.....	Acres.....	640
Miles, square.....	Hectares.....	259
Miles, square.....	Kilometers, square.....	2.59
Miles, statute.....	Kilometers.....	1.609344
Ounces, troy.....	Grams.....	31.103486
Pounds, avoirdupois.....	Quintals.....	0.00453592
Pounds, avoirdupois.....	Tons, metric.....	0.000453592
Quarts, US dry.....	Liters.....	1.10119
Quarts, US liquid.....	Liters.....	0.946326
Quintals.....	Pounds.....	220.4622
Quintals.....	Tons, metric.....	0.1
Tons, long.....	Tons, metric.....	1.016047
Ton-kilometers, metric.....	Ton-miles, short.....	0.684943
Tons, metric.....	Pounds.....	2,204.622
Tons, metric.....	Quintals.....	10
Tons, metric.....	Tons, long.....	0.984206
Tons, metric.....	Tons, short.....	1.10231
Ton-miles, short.....	Ton-kilometers, metric.....	1.459975
Tons, register.....	Feet, cubic.....	100
Tons, register.....	Meters, cubic.....	2.831685
Tons, short.....	Tons, metric.....	0.907185
Yards.....	Meters.....	0.9144018
Yards, square.....	Meters, square.....	0.836127

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ECONOMIC INDICATORS

$${}_nC_r = \frac{n!}{r!(n-r)!}$$

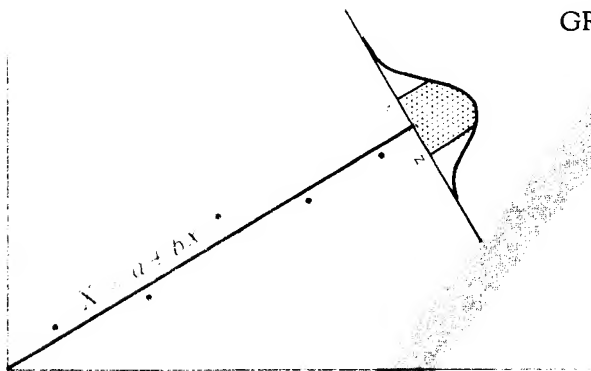


GROSS INDUSTRIAL PRODUCTION

INDUSTRIAL PRODUCTION

NET INVESTMENT

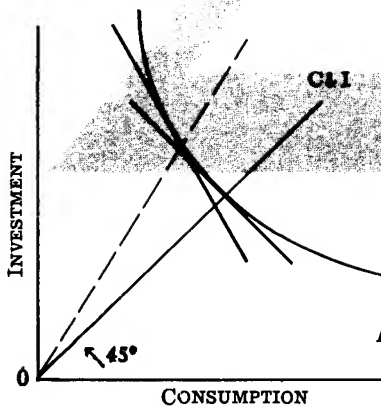
NATIONAL INCOME



GROSS NATIONAL PRODUCT

$$P(z) = \int_x^z f(u) du = \frac{1}{\sqrt{2\pi}} \int_x^z e^{-u^2/2} du$$

ECONOMIC ACCOUNTS



VALUE ADDED

$$\log Y_x = \log K + AB^x$$

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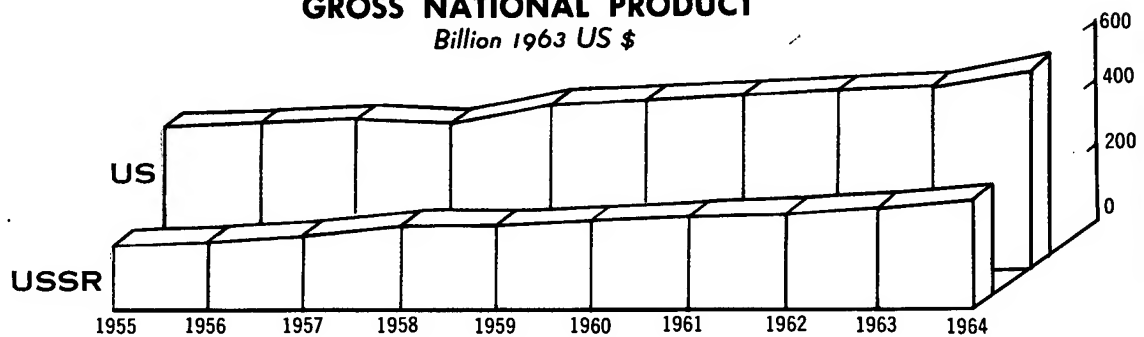
Tabular Graphic

COMPARATIVE DATA ON GROSS NATIONAL PRODUCT[†] FOR THE US AND THE USSR, 1955-64

TABLE 1

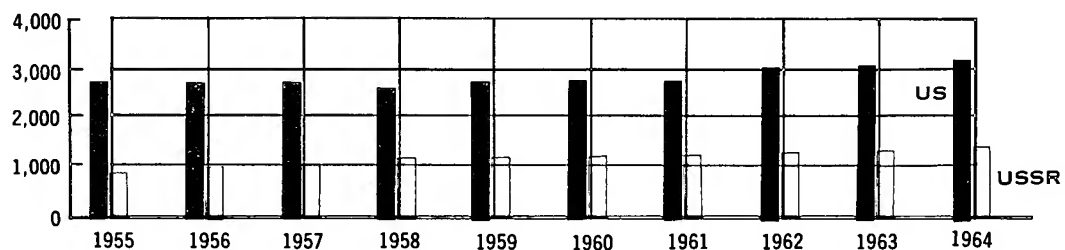
		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
GNP (Billion 1963 US \$)	US	465.4	474.9	484.0	475.5	508.0	521.5	530.8	564.8	583.9	611.2
	USSR	187.7	203.3	210.1	229.9	238.7	250.0	265.2	274.8	283.6	300.6
GNP PER CAPITA (1963 US \$)	US	2,810	2,810	2,810	2,720	2,860	2,890	2,890	3,030	3,080	3,180
	USSR	960	1,020	1,030	1,110	1,130	1,170	1,220	1,240	1,260	1,320
RATES OF GROWTH OF GNP (Percent)	US		2.1	1.9	-1.8	6.8	2.6	1.8	6.4	3.4	4.8
	USSR ^{††}		8.3	4.7	9.4	3.9	4.7	6.1	3.7	1.7	6
GNP: USSR as a Percent of US [*]		40	43	43	48	47	48	50	49	49	49

GROSS NATIONAL PRODUCT Billion 1963 US \$

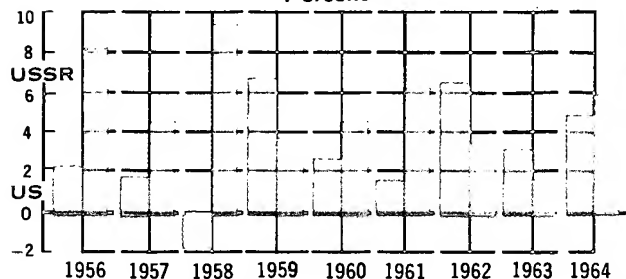


GROSS NATIONAL PRODUCT PER CAPITA

1963 US \$

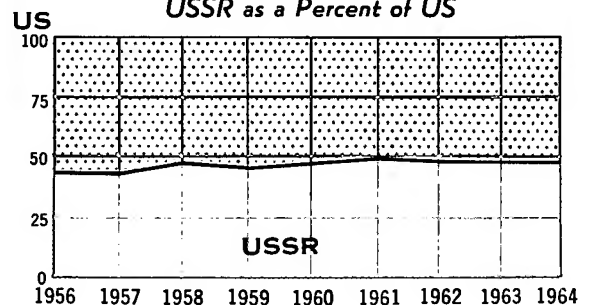


RATES OF GROWTH OF GROSS NATIONAL PRODUCT Percent



GROSS NATIONAL PRODUCT

USSR as a Percent of US

[†]At Market prices^{††}Based on ruble values**SECRET**

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GROSS NATIONAL PRODUCT

Table 2

Estimated Gross National Product at Market Prices
1958-64

	Billion 1963 US \$ (Converted at US Purchasing Power Equivalents ^a)							Average Annual Rate of Growth ^b (Percent) 1959-64
	1958	1959	1960	1961	1962	1963	1964 ^c	
NATO COUNTRIES.....	843*	893*	938*	966*	1,020*	1,060*	1,110*	4.7*
US.....	475.5*	508.0*	521.5*	530.8*	564.8*	583.9*	611.2*	4.3*
Canada.....	35.9*	37.1*	38.0*	38.9*	41.3*	43.2*	46.0*	4.2*
European NATO.....	331*	348*	378*	397*	413*	429*	452*	5.3*
Of which:								
Belgium.....	13.8*	14.2*	14.9*	15.5*	16.2*	16.8*	17.6*	4.1*
Denmark.....	7.0*	7.5*	8.0*	8.5*	9.0*	9.2*	9.9*	5.9*
France.....	71.4*	73.5*	79.0*	82.4*	88.2*	92.0*	96.5*	5.1*
Italy.....	40.9*	43.9*	46.9*	50.8*	54.0*	56.6*	58.1*	6.0*
Netherlands.....	15.3*	16.0*	17.4*	18.0*	18.5*	19.2*	20.6*	5.1*
Norway.....	5.2*	5.4*	5.7*	6.1*	6.2*	6.5*	7.0*	5.0*
UK.....	82.6*	86.1*	90.2*	93.3*	94.1*	97.6*	103.1*	3.8*
West Germany.....	77.2*	82.6*	95.5* ^d	100.6* ^d	104.9* ^d	108.2* ^d	115.2* ^d	6.9*
COMMUNIST COUNTRIES								
Soviet Bloc.....	309	322	339	359	370	382	402	4.5
USSR.....	229.9	238.7	250.0	265.2	274.8	283.6	300.6	4.6
Eastern Europe.....	79.0	83.6	89.2	93.9	95.7	98.5	102	4.3
Bulgaria.....	4.1	4.3	4.8	4.9	5.2	5.4	5.7	5.7
Czechoslovakia.....	17.6	18.4	19.8	20.6	21.0	20.6	20.6	2.8
East Germany.....	19.8	21.0	21.9	22.5	23.2	23.7	24.4	3.5
Hungary.....	7.8	8.2	8.7	8.9	9.3	9.7	10.1	4.2
Poland.....	20.8	21.5	23.0	25.2	24.8	26.2	27.3	4.5
Rumania.....	8.9	10.2	11.0	11.8	12.2	12.9	13.8	7.7
Far East								
Communist China.....	75	80	75	60	65	67	70	-1.1
North Korea.....	1.50	1.75	1.95	2.05	2.20	2.35	2.50	8.9
North Vietnam.....	1.08	1.24	1.27	1.35	1.46	1.49	1.62	7.0

* An asterisk indicates that the data are unclassified.

^a For the individual European NATO countries, the ratios for converting GNP in national currencies at 1963 prices into 1963 US\$ on the basis of US purchasing power equivalents are derived from the 1950 ratios given in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1963 by applying the following factor: the derived price indexes for each European country for 1950-63 divided by a derived price index for the US for 1950-63. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1963 prices. The total GNP for the European NATO countries is based on the estimate that the total GNP of the individual countries shown represents 94.6 percent of the total European NATO GNP, which is the relationship given in estimates prepared by the Department of State. The values shown for the Communist countries have been calculated in a manner which makes them reasonably comparable with the values shown for the NATO countries.

^b The base year is 1958. Percentages were derived from unrounded data.

^c Preliminary.

^d Including data for the Saar and West Berlin. The data for West Germany for 1960, excluding the Saar and West Berlin, is 1963 US\$ 89.9 billion.

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GROSS NATIONAL PRODUCT BY END USE

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Table 3

Gross National Product, by End Use, for the US and the USSR
1963

	Billion 1963 US \$ ^a		USSR as Percent of US ^b
	US	USSR	
Consumption.....	375.2*	131.3	35.0
Investment.....	103.6*	90.3	87.1
Defense.....	52.7*	44.1	83.6
Education.....	28.9*	23.3	80.8
Administration.....	23.4*	19.5	83.4
GNP.....	583.9*	283.6 ^c	48.6

* An asterisk indicates that the data are unclassified.

^a US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the US but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture, for example, alone uses 44 percent of the civilian labor force, or 49 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end use component parts of GNP are defined as follows:

1. Consumption equals personal expenditures for goods and services for all purposes except education and noninvestment outlays by government for goods and services for health. (The unadjusted data for the US is \$375.0 billion.)

2. Investment is defined (a) for both the US and the USSR as the sum of expenditures for gross private domestic investment, less investment in education facilities; for public construction other than that for education and defense facilities; for equipment purchased by the government except that for education and defense; for defense stockpiling and defense-production expansion; for net exports of goods and services; and for net military grants to foreign countries and (b) for the US, as also including expenditures by state and local government for development of atomic energy. (The unadjusted data for the US is \$82.0 billion.)

3. Defense as a component of GNP includes government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities, net military grants for foreign military assistance, and government sales. (The unadjusted data for the US is \$57.9 billion.)

4. Education includes private and public expenditures on goods and services for education both for current use and for investment purposes. (The unadjusted data for the US is \$23.4 billion.)

5. Administration as a component of GNP is the residual left after all current expenditures for national defense, health, and education and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the US.)

^b Based on unrounded data.

^c The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

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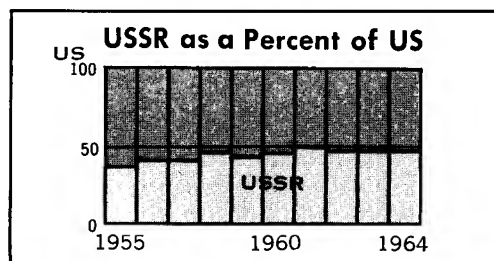
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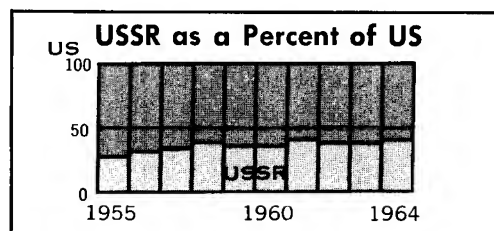
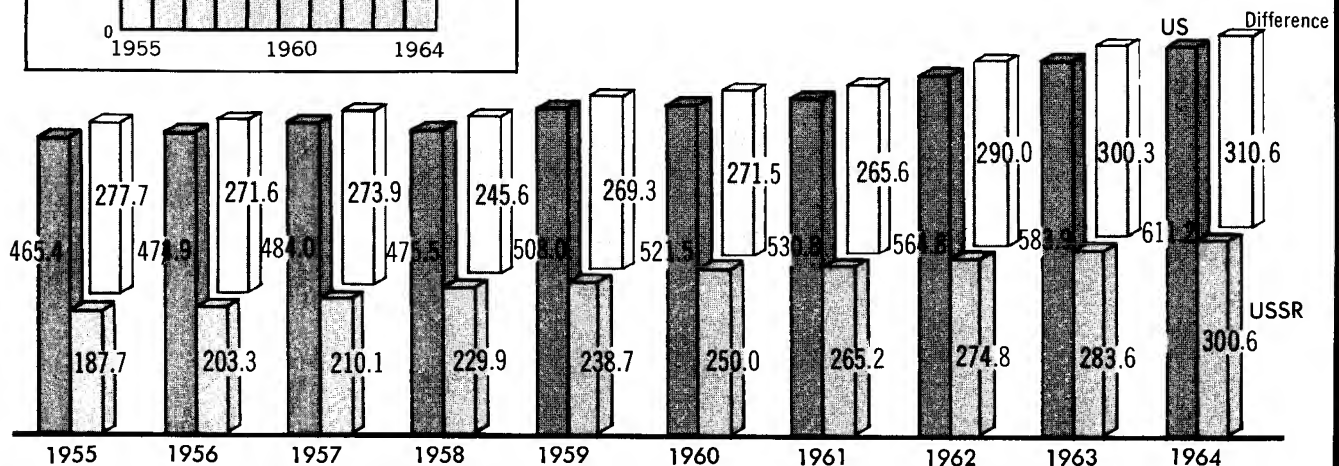
ABSOLUTE AND PERCENTAGE DIFFERENCES OF GROSS NATIONAL PRODUCT[†] FOR THE US AND THE USSR, 1955-64

TABLE 4

		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
GNP (Billion 1963 US \$)	US	465.4	474.9	484.0	475.5	508.0	521.5	530.8	564.8	583.9	611.2
	USSR	187.7	203.3	210.1	229.9	238.7	250.0	265.2	274.8	283.6	300.6
	DIFFERENCE	277.7	271.6	273.9	245.6	269.3	271.5	265.6	290.0	300.3	310.6
GNP (USSR as a Percent of US)		40	43	43	48	47	48	50	49	49	49
GNP PER CAPITA (1963 US \$)	US	2,810	2,810	2,810	2,720	2,860	2,890	2,890	3,030	3,080	3,180
	USSR	960	1,020	1,030	1,110	1,130	1,170	1,220	1,240	1,260	1,320
	DIFFERENCE	1,850	1,790	1,780	1,610	1,730	1,720	1,670	1,790	1,820	1,860
GNP PER CAPITA (USSR as a Percent of US)		34	36	37	41	40	40	42	41	41	42



GROSS NATIONAL PRODUCT
Billion 1963 US \$



GROSS NATIONAL PRODUCT PER CAPITA
1963 US \$

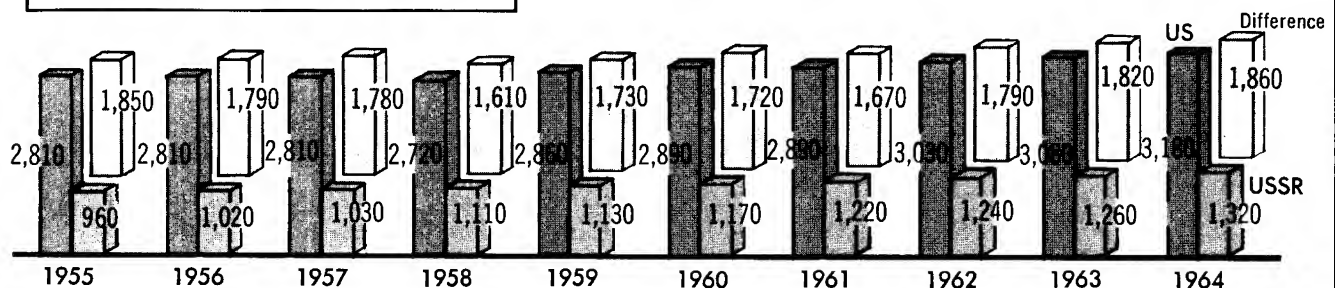
[†] At Market prices**SECRET**

Table 5

Gross National Product for Selected NATO Countries ^a
1955 and 1958-64

1963 Market Prices

NATO Countries	Monetary Unit	1955	1958	1959	1960	1961	1962	1963	1964	Average Annual Rate of Growth ^b (Percent) 1956-64
Belgium.....	Billion Belgian francs.....	552.4*	573.1*	588.4*	615.3*	643.0*	670.8*	694.8*	729.8*	3.2*
Canada.....	Million Canadian dollars..	32,208*	35,900*	37,100*	38,011*	38,892*	41,263*	43,180*	45,974*	4.0*
Denmark.....	Million Danish kroner....	37,825*	41,700*	44,694*	47,644*	50,676*	53,533*	54,732*	58,727*	5.0*
France.....	Billion new francs.....	266.37*	304.19*	313.28*	336.39*	351.17*	375.66*	391.84*	411.00*	4.9*
Greece.....	Million drachmas.....	79,395*	95,243*	98,834*	103,076*	115,801*	121,031*	130,113*	138,570*	6.4*
Italy.....	Billion lire.....	17,647*	20,381*	21,872*	23,349*	25,297*	26,895*	28,186*	28,947*	5.7*
Luxembourg..	Million Luxembourg francs.	N.A.*	N.A.*	N.A.*	N.A.*	25,089*	25,501*	26,260*	27,938*	N.A.*
Netherlands..	Million guilders.....	38,786*	41,532*	43,491*	47,372*	49,051*	50,340*	52,160*	56,072*	4.2*
Norway.....	Million Norwegian kroner.	29,819*	31,956*	33,131*	34,987*	37,225*	38,348*	40,252*	42,748*	4.1*
Portugal.....	Million escudos.....	57,393*	62,948*	66,345*	71,746*	76,410*	81,717*	85,585*	89,950*	5.1*
Turkey.....	Million Turkish liras.....	43,836*	51,901*	53,978*	55,974*	55,026*	58,377*	62,758*	65,457*	4.6*
UK.....	Million pounds sterling....	24,234*	25,437*	26,528*	27,790*	28,749*	28,984*	30,060*	31,743*	3.0*
West Germany.	Billion Deutsche Mark....	230.57*	268.75*	287.57*	332.37* ^c	350.26* ^c	364.90* ^c	376.50* ^c	400.97* ^c	6.3*

^a An asterisk indicates that the data are unclassified.

^a This series for gross national product (GNP) is an acceptable series insofar as comparability in the monetary units of the individual countries is concerned. The series is inadequate, however, for international comparisons based on the conversion of GNP into a single currency using the various rates of exchange. Such international comparisons (based on rates of exchange) are of doubtful value because the rates do not adequately indicate relative purchasing power. The more correct series for comparison of GNP is to be found in Table 2, p. 3. The following current rates of exchange are presented for the purpose of conversion of the data into US dollars when no international comparison is to be made.

Monetary Unit per US \$1

Belgium.....	Franc.....	0.020*	Italy.....	Lira.....	0.0016*	Turkey.....	Lira.....	0.111*
Canada.....	Dollar.....	0.925*	Luxembourg.....	Franc.....	0.020*	UK.....	Pound sterling....	2.800*
Denmark.....	Krone.....	0.145*	Netherlands.....	Guilder.....	0.276*	West Germany.	Deutsche Mark...	0.250*
France.....	New franc.....	0.203*	Norway.....	Krone.....	0.140*			
Greece.....	Drachma.....	0.033*	Portugal.....	Escudo.....	0.035*			

^b The base year is 1955.^c Including data for the Saar and West Berlin. The data for 1960, excluding the Saar and West Berlin, is 312.98 billion DM.

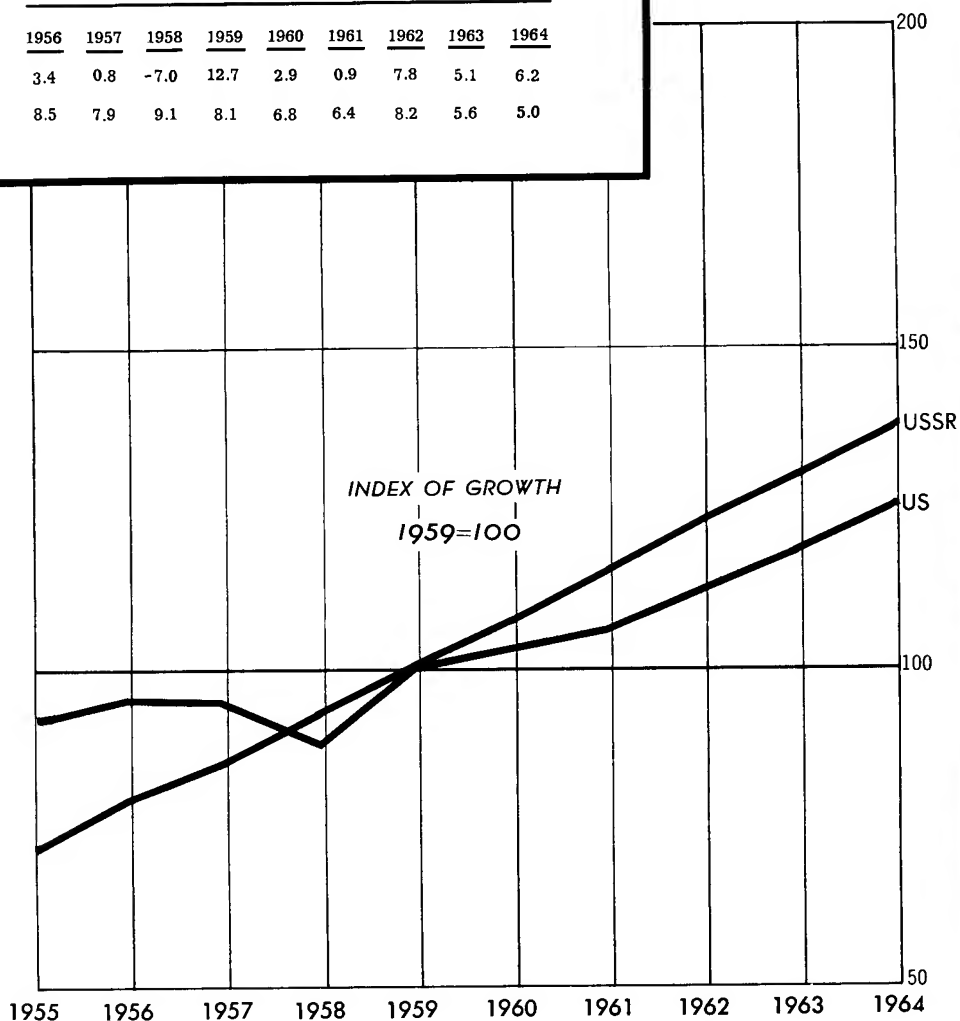
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Tabular Graphic

ANNUAL RATES OF GROWTH OF INDUSTRIAL PRODUCTION IN THE US AND THE USSR, 1955-64

TABLE 6

	PERCENTAGE CHANGE FROM THE PREVIOUS YEAR								
	1956	1957	1958	1959	1960	1961	1962	1963	1964
US	3.4	0.8	-7.0	12.7	2.9	0.9	7.8	5.1	6.2
USSR	8.5	7.9	9.1	8.1	6.8	6.4	8.2	5.6	5.0

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AND DECLASSIFICATION

INDEX OF INDUSTRIAL PRODUCTION

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Table 7

Indexes of Industrial Production for Selected NATO and Communist Countries ^a,
1958-64

	1958=100							Average Annual Rate of Growth ^b (Percent) 1959-64
	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES								
US.....	100*	113*	116*	117*	126*	133*	141*	5.9*
Belgium.....	100*	105*	112*	117*	123*	131*	141*	5.9*
France.....	100*	101*	111*	117*	123*	130*	139*	5.6*
Italy.....	100*	111*	129*	145*	159*	173*	174*	9.7*
Luxembourg.....	100*	104*	114*	117*	112*	113*	124*	3.6*
Netherlands ^c	100*	111*	124*	130*	137*	144*	157*	7.8*
UK.....	100*	105*	113*	113*	114*	119*	128*	4.2*
West Germany ^d	100*	108*	121*	129*	135*	139*	152*	7.2*
COMMUNIST COUNTRIES								
Soviet Bloc								
USSR ^e	100	108	115	123	133	140	147	6.7
Eastern Europe								
Bulgaria.....	100	115	132	142	155	167	182	10.4
Czechoslovakia.....	100	108	118	125	131	127	130	4.4
East Germany.....	100	110	117	122	127	132	137	5.4
Hungary.....	100	108	117	129	139	146	158	7.9
Poland.....	100	108	119	130	141	148	160	8.2
Rumania.....	100	111	130	148	169	188	214	13.5
Far East								
Communist China ^f	100	127	128	89	78	82	90	-1.7
Other								
Yugoslavia.....	100*	112*	127*	136*	146*	169*	196*	11.9*

^a An asterisk indicates that the data are unclassified.^a Indexes for the NATO countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. Data for Belgium, France, Italy, Luxembourg, the Netherlands, the UK, and West Germany exclude the manufacture of food, beverages, and tobacco. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.^b The base year is 1958.^c Unadjusted for working days.^d Excluding data for the Saar.^e Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 44.3 percent, 34.2 percent, and 21.5 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.^f Estimates of this Office computed by applying value-added weights to data for commodity production. The data, particularly for years after 1959, are fragmentary and uncertain. Therefore the index should be regarded as providing only a tentative indication of the general level and trend in production during 1960-64.

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Tabular Graphic

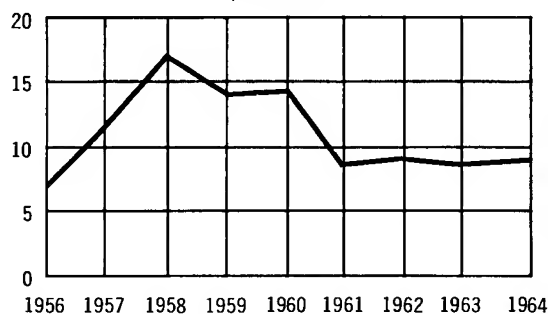
ANNUAL RATES OF GROWTH IN INDUSTRIAL PRODUCTION IN EASTERN EUROPE, 1956-64

TABLE 8

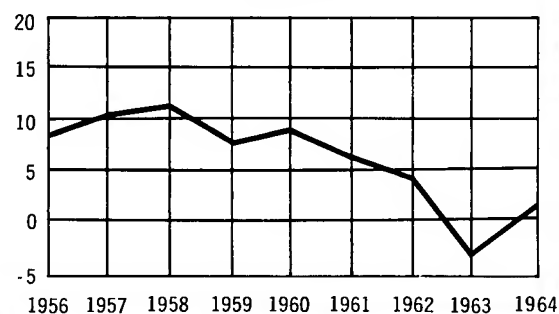
	PERCENTAGE CHANGE FROM THE PREVIOUS YEAR								
	1956	1957	1958	1959	1960	1961	1962	1963	1964
BULGARIA	7.0	10.8	17.2	14.6	14.8	8	9	8	8.5
CZECHOSLOVAKIA	8.7	10.1	11.0	7.9	9.0	6.4	4.6	-3	2
EAST GERMANY	5.5	5.8	8.1	10.0	6.6	3.8	4.7	3.7	4
HUNGARY	-8.6	10.9	10.2	7.8	8.6	10.4	7.9	5	8
POLAND	6.5	8.5	7.6	7.7	10.3	9.8	7.9	5.4	8
RUMANIA	3	13	13.5	11	17	14	14	11.5	13.5
EASTERN EUROPE	5.1	8.7	9.5	9.1	9.5	8	7	4	6

Percentage Change
From the Previous Year

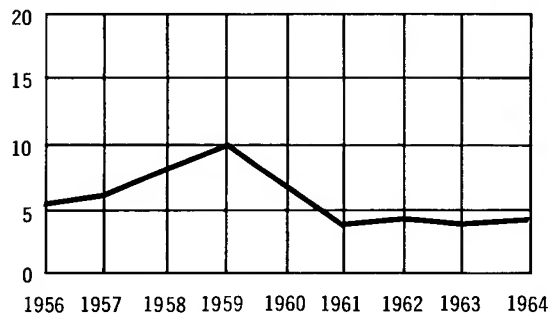
BULGARIA
(Percent)



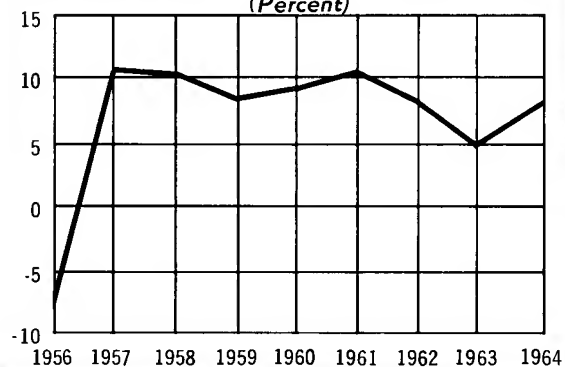
CZECHOSLOVAKIA
(Percent)



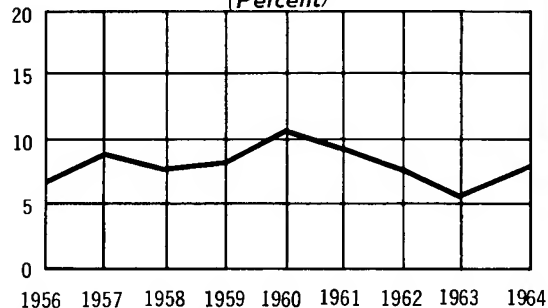
EAST GERMANY
(Percent)



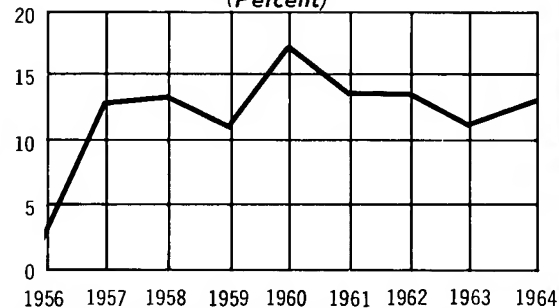
HUNGARY
(Percent)



POLAND
(Percent)



RUMANIA
(Percent)

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ECONOMIC INDICATORS

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Table 9

Comparison of Selected Economic Indicators for the US and the USSR
1958-64

Product, Unit of Measure, and Country	1958	1959	1960	1961	1962	1963	1964	Average Annual Rate of Growth ^a (Percent) 1959-64
Gross national product (billion 1963 US \$)								
US.....	476*	508*	522*	531*	565*	584*	611*	4.3* ^b
USSR.....	230	239	250	265	275	284	301	4.6
Industrial production (1958=100)								
US.....	100*	113*	116*	117*	126*	133*	141*	5.9*
USSR.....	100	108	115	123	133	140	147	6.7
Total population (midyear population in millions)								
US.....	174.9*	177.8*	180.7*	183.8*	186.7*	189.4*	192.1*	1.6*
USSR.....	206.8*	210.5*	214.2*	217.9*	221.4*	224.7*	227.8*	1.6*
Electric power, (gross) (billion kilowatt-hours)								
US.....	768*	844*	894*	933*	1,001*	1,071*	1,147*	6.9*
USSR.....	235*	265*	292*	328*	369*	412*	459*	11.8*
Primary energy (million metric tons of coal equivalents ^c)								
US.....	1,335*	1,395*	1,429*	1,447*	1,506*	1,586*	1,645*	3.5*
USSR.....	580.4*	620.5*	662.7*	705.5*	763.0*	821.4*	885.9*	7.3*
Grain (million metric tons)								
US.....	173*	169*	181*	164*	163*	177*	163*	-1.0*
USSR.....	125*	100*	100*	115*	115*	95*	125*	0*
Meat ^d (million metric tons)								
US.....	11.6*	12.4*	12.8*	13.0*	13.1*	13.9*	14.8*	4.1*
USSR ^e	6.8*	7.7*	7.4*	7.4*	8.1*	8.9*	7.1*	0.7*
Rayon yarn and synthetic fibers (thousand metric tons)								
US.....	692*	822*	774*	837*	1,017*	1,136*	1,287*	10.9*
USSR.....	166*	180*	211*	250*	277*	308*	361*	13.8*
Total inland transport (billion metric ton-kilometers)								
US.....	2,300*	2,460*	2,510*	2,520*	2,630*	2,750*	2,900*	3.9*
USSR.....	1,530*	1,690*	1,790*	1,880*	1,990*	2,120*	2,260*	6.7*

* An asterisk indicates that the data are unclassified.

^a The base year is 1958.^b Based on unrounded data.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Carcass weight, bone-in basis.^e Including slaughter fats.

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INDEXES OF INDUSTRIAL PRODUCTION

Table 10

Official Communist Indexes of Gross Industrial Production ^a
1958-64 and 1965 Plan

									Average Annual Rate of Growth ^b 1959-64 (Percent)
1958=100									
	1958	1959	1960	1961	1962	1963	1964	1965 Plan	
COMMUNIST COUNTRIES									
Soviet Bloc									
USSR.....	100*	111*	122*	133*	146*	158*	169*	183* ^c	9.1*
Eastern Europe									
Bulgaria.....	100*	120*	136*	152*	170*	188*	208*	228*	13.0*
Czechoslovakia.....	100*	111*	124*	135*	143*	143*	149*	157*	6.9*
East Germany.....	100*	112*	121*	129*	137*	143*	150*	159*	7.0*
Hungary.....	100*	110*	123*	136*	146*	156*	170*	178*	9.2*
Poland.....	100*	109*	121*	134*	145*	153*	167*	180*	8.9*
Rumania.....	100*	110*	128*	147*	168*	189*	216*	244*	13.7*
Far East									
Communist China....	100*	139*	165*	N.A.	N.A.	N.A.	N.A. ^d	N.A. ^e	N.A.
North Korea.....	100*	152*	176*	201*	241*	260*	305*	334*	20.4*
North Vietnam.....	100*	128*	152*	173*	217*	234*	258*	333*	17.1*
Other									
Albania.....	100*	119*	132*	141*	150*	160*	172*	180*	9.4*

* An asterisk indicates that the data are unclassified.

^a These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities as in most Western definitions of industry but also certain other activities (varying from country to country).

^b The base year is 1958.

^c Revised plan for 1965, announced on 9 December 1964.

^d An increase of 15 percent was announced for 1964.

^e A planned increase of 11 percent was announced for 1965.

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11

DISTRIBUTION OF SOVIET GNP

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Table 11

Distribution of Gross National Product, by End Use, for the USSR
(Adjusted Factor Cost) *
Selected years, 1955-63

End Use	Percent of Total						
	1955	1958	1959	1960	1961	1962	1963
Consumption.....	62.7	60.8	59.9	61.1	60.4	60.2	60.1
Investment.....	21.9	27.9	29.2	28.2	29.3	29.2	29.4
New fixed.....	17.3	21.2	22.6	23.8	23.5	23.4	24.0
Other.....	4.6	6.8	6.7	4.4	5.8	5.8	5.4
Defense.....	13.1	9.7	9.5	9.4	9.0	9.4	9.3
Administration.....	2.3	1.5	1.4	1.4	1.3	1.2	1.2
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Because of the well-known difficulties in using Soviet prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1955 end use weights have been revised from a market price basis to a factor cost basis by subtracting turnover taxes and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

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SOVIET INDEX OF INDUSTRIAL PRODUCTION

Table 12

Indexes of Industrial Production, by Branch of Industry, for the USSR
Selected Years, 1950-64

1958=100

	1950	1955	1958	1959	1960	1961	1962	1963	1964 *
Industrial materials.....	46.8	76.0	100.0	109.7	116.7	123.0	131.4	139.9	149.4
Electric power.....	39.0	72.2	100.0	112.3	124.0	139.0	156.3	175.0	
Coal.....	52.7	78.9	100.0	102.8	105.2	105.2	107.3	110.3	
Petroleum products and gas.....	35.4	62.0	100.0	114.5	130.4	146.5	166.2	184.7	
Ferrous metals.....	48.4	82.0	100.0	109.1	118.2	128.2	137.6	144.8	
Nonferrous metals.....	44.0	85.0	100.0	109.8	120.6	130.7	142.5	153.4	
Forest products.....	65.1	86.0	100.0	107.0	102.1	98.2	98.6	100.8	
Paper and paperboard products.....	49.7	79.9	100.0	104.5	109.1	115.6	123.7	131.4	
Construction materials.....	26.8	59.1	100.0	117.8	135.7	149.8	163.0	173.0	
Chemicals.....	39.3	72.7	100.0	111.6	122.2	132.8	145.9	163.3	
Machinery.....	51.3	79.9	100.0	106.3	116.1	125.9	140.9	150.2	154.5
Civilian machinery.....	42.9	67.5	100.0	105.9	115.9	128.9	142.6	155.5	163.2
Military machinery.....	63.5	97.9	100.0	107.1	116.5	121.7	138.5	142.5	142.0
Nondurable consumer goods.....	50.3	80.6	100.0	107.3	111.9	117.6	122.9	125.3	130.9
Soft goods.....	50.2	81.3	100.0	106.7	113.0	116.7	121.4	124.0	
Processed foods.....	50.4	79.4	100.0	108.3	110.2	119.0	125.4	127.5	
Total industrial production.....	49.1	78.2	100.0	108.1	115.4	122.8	132.8	140.2	147.2

* Preliminary.

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13

SOVIET STATE BUDGET

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Table 13

State Budget for the USSR
1958, 1962-64, and 1965 Plan

Billion New Rubles

Category	1958	1962	1963	1964		1965
	Actual	Actual	Actual	Plan	Actual	Plan
Revenues						
Social Sector.....	60.40*	76.7*	81.4*	84.7*	N.A.	91.79*
Turnover Tax.....	30.45*	32.9*	34.5*	35.2*	N.A.	39.2*
Profit Deductions.....	13.54*	23.9*	25.7*	29.5*	N.A.	31.1*
MTS-RTS *.....	0.97*	0*	0*	0*	N.A.	0*
Taxes on Enterprises and Organizations.....	1.66*	1.3*	1.4*	1.4*	N.A.	21.5*
Social Insurance Receipts.....	3.26*	4.5*	4.7*	4.9*	N.A.	
Residual.....	10.52*	14.1*	15.1*	13.7*	N.A.	7.91* ^b
Private Sector.....	6.83*	7.6*	8.1*	7.2* ^b	N.A.	
State Taxes on the Population.....	5.19*	6.0*	6.3*	6.7*	N.A.	7.3*
State Loans.....	1.06*	1.2*	1.3*	0.5* ^b	N.A.	0.6* ^b
Local Taxes and Lottery Revenue.....	0.58*	0.4*	0.5*		N.A.	
Total.....	67.24*	84.31*	89.54*	91.93* ^b	93.8* ^b	99.70* ^b
Expenditures						
Financing the National Economy.....	29.03*	36.2*	38.8*	38.75*	N.A.	42.36*
Industry and Construction.....	13.67*	N.A.	N.A.	N.A.	N.A.	20.6*
Agriculture, Forestry, and MTS-RTS *.....	4.00*	N.A.	N.A.	N.A.	N.A.	7.0*
Agricultural Procurement.....	(0.5)* ^c	N.A.	N.A.	N.A.	N.A.	
Transportation and Communications.....	2.41*	N.A.	N.A.	N.A.	N.A.	2.9*
Trade.....	2.04*	N.A.	N.A.	N.A.	N.A.	2.0*
Municipal Economy.....	1.90*	N.A.	N.A.	N.A.	N.A.	3.8*
Other.....	(4.51)* ^c	N.A.	N.A.	N.A.	N.A.	6.0*
Social-Cultural Measures.....	21.42*	28.9*	31.0*	32.80*	33.1*	37.45*
Education.....	8.60*	12.4*	13.7*	14.6*	N.A.	17.1*
Health.....	4.11*	4.9*	5.3*	5.5*	N.A.	6.5*
Social Welfare.....	8.70*	11.6*	12.0*	12.7*	N.A.	13.8*
Administration.....	1.20*	1.1*	1.1*	1.11*	N.A.	1.15*
Defense.....	9.36*	12.6*	13.9*	13.29*	N.A.	12.79*
Loan Service.....	0.37*	0.8*	0.1*	5.44* ^d	N.A.	5.79*
Reserve Funds of the Councils of Ministers.....	0*	0*	0*		0	
Residual.....	2.90*	2.6*	2.1*	91.39*	N.A.	99.54*
Total.....	64.28*	82.15*	87.00*		92.9*	
Budget Surplus.....	2.96*	2.16*	2.54*	0.54* ^b	0.9* ^b	0.16* ^b

* An asterisk indicates that the data are unclassified.

^a Machine tractor stations in 1958, repair technical stations thereafter.

^b Not comparable with previous years, as a consequence of the elimination from budgetary revenue of revenue from the savings deposits of the population.

^c Estimated.

^d Including 2.3 billion new rubles planned for Reserve Funds of the Councils of Ministers.

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SOVIET GROSS FIXED INVESTMENT

Table 14

Gross Fixed Investment, by Function, Including Productive Gross Fixed Investment, by Sector, in the USSR
1955 and 1959-64

Million New Rubles *

	1955	1959	1960	1961	1962	1963	1964
Total investment.....	19,931*	33,986*	36,705*	38,271*	40,150*	42,214*	45,600*
By function							
Construction.....	12,831*	22,291*	24,240*	24,542*	24,852*	25,520*	26,900* ^b
Equipment.....	5,532*	9,501*	10,099*	11,286*	12,505*	13,595*	15,280* ^b
Other capital outlays.....	1,568*	2,194*	2,336*	2,443*	2,793*	3,099*	3,420* ^b
Productive investment.....	13,599*	20,710* ^b	22,508*	23,768* ^b	25,500*	27,433*	30,400* ^b
By function							
of which:							
Construction.....	7,413*	10,765* ^b	12,064*	12,721* ^b	13,473*	14,509*	N.A.
Equipment.....	4,784*	8,198* ^b	8,498*	9,230* ^b	10,058*	10,803*	N.A.
By sector							
Industry ^c	7,609*	11,692*	12,854*	13,308*	14,165*	15,130*	16,600* ^b
Ferrous metallurgy.....	586*	1,089*	1,219*	1,327*	1,413*	1,450*	N.A.
Chemicals.....	278*	695*	910*	1,063*	1,164*	1,466*	2,000* ^b
Fuels and power.....	2,865*	3,688*	3,797*	3,959*	4,176*	4,510*	N.A.
Machine building.....	1,139*	1,514*	1,805*	2,046*	2,397*	2,441*	N.A.
Construction materials.....	310*	800*	1,010*	1,018*	932*	954*	N.A.
Consumer goods.....	903*	1,756*	1,962*	1,771*	1,849*	1,929*	2,000* ^b
Other.....	1,528*	2,150*	2,151*	2,124*	2,234*	2,380*	N.A.
Construction industry.....	530*	946*	1,030*	1,117*	1,050*	1,081*	1,000* ^b
Agriculture.....	3,804*	5,057*	5,172*	5,702*	6,316*	6,983*	8,300* ^b
Transport and communications.....	1,656*	3,015*	3,452*	3,641*	3,969*	4,239*	4,500* ^b
Nonproductive investment.....	6,332*	13,276* ^b	14,197*	14,503* ^b	14,650*	14,781*	15,200* ^b
By function							
of which:							
Construction.....	5,418*	11,526* ^b	12,176*	11,821* ^b	11,379*	11,011*	N.A.
Equipment.....	748*	1,303* ^b	1,601*	2,054* ^b	2,447*	2,792*	N.A.
By sector							
Housing.....	3,806*	8,319*	8,275*	7,879*	7,729*	7,714*	7,800* ^b
Welfare services.....	2,526*	4,957* ^b	5,922*	6,624* ^b	6,921*	7,067*	7,400* ^b

* An asterisk indicates that the data are unclassified.

^a Expressed in 1955 prices.^b Estimated.^c Excluding the construction industry.

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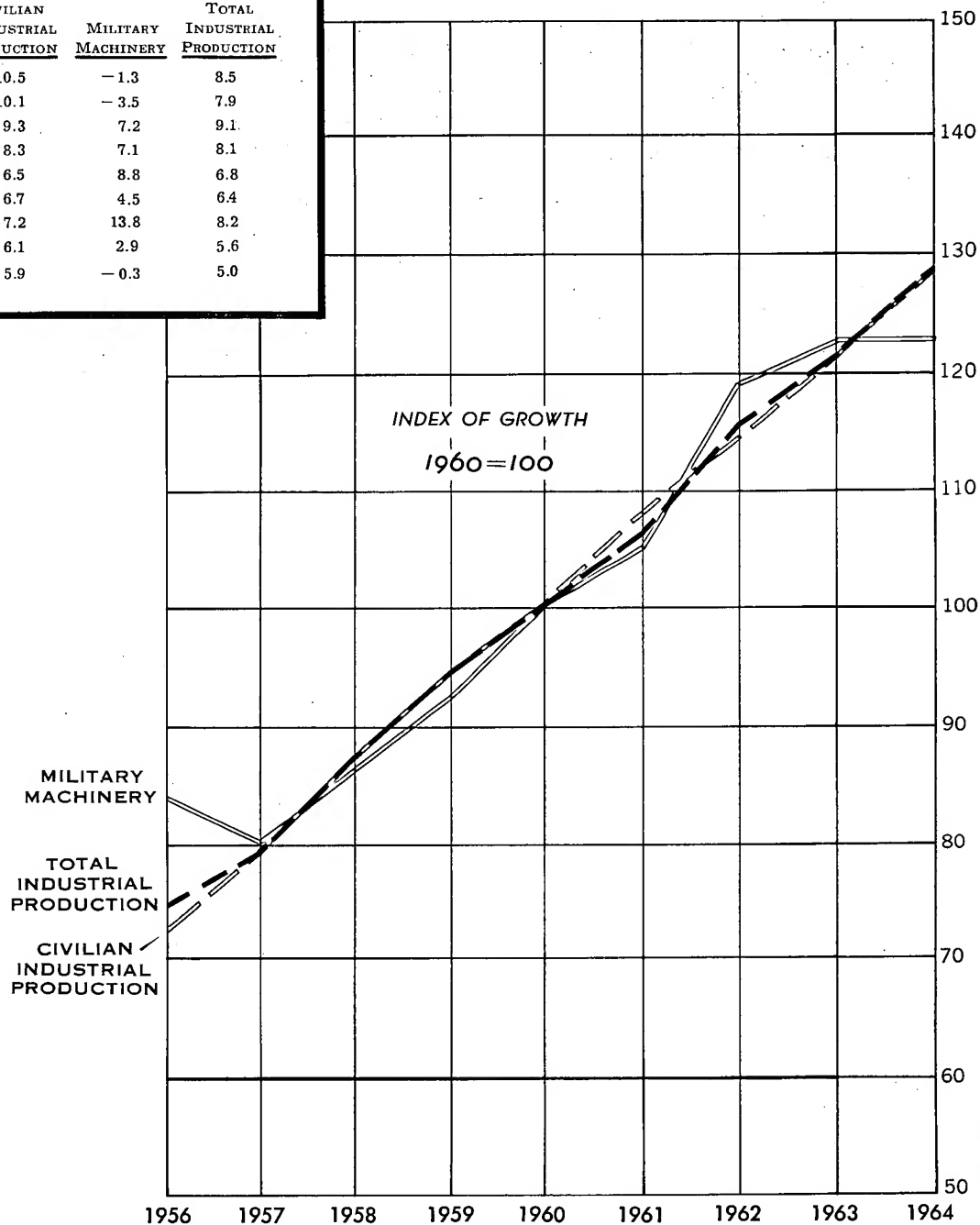
Tabular Graphic

ANNUAL RATES OF GROWTH OF CIVILIAN AND MILITARY GOODS IN THE USSR, 1956-64

TABLE 15

PERCENTAGE CHANGE
FROM THE PREVIOUS YEAR

	CIVILIAN INDUSTRIAL PRODUCTION	MILITARY MACHINERY	TOTAL INDUSTRIAL PRODUCTION
1956	10.5	-1.3	8.5
1957	10.1	-3.5	7.9
1958	9.3	7.2	9.1
1959	8.3	7.1	8.1
1960	6.5	8.8	6.8
1961	6.7	4.5	6.4
1962	7.2	13.8	8.2
1963	6.1	2.9	5.6
1964	5.9	-0.3	5.0

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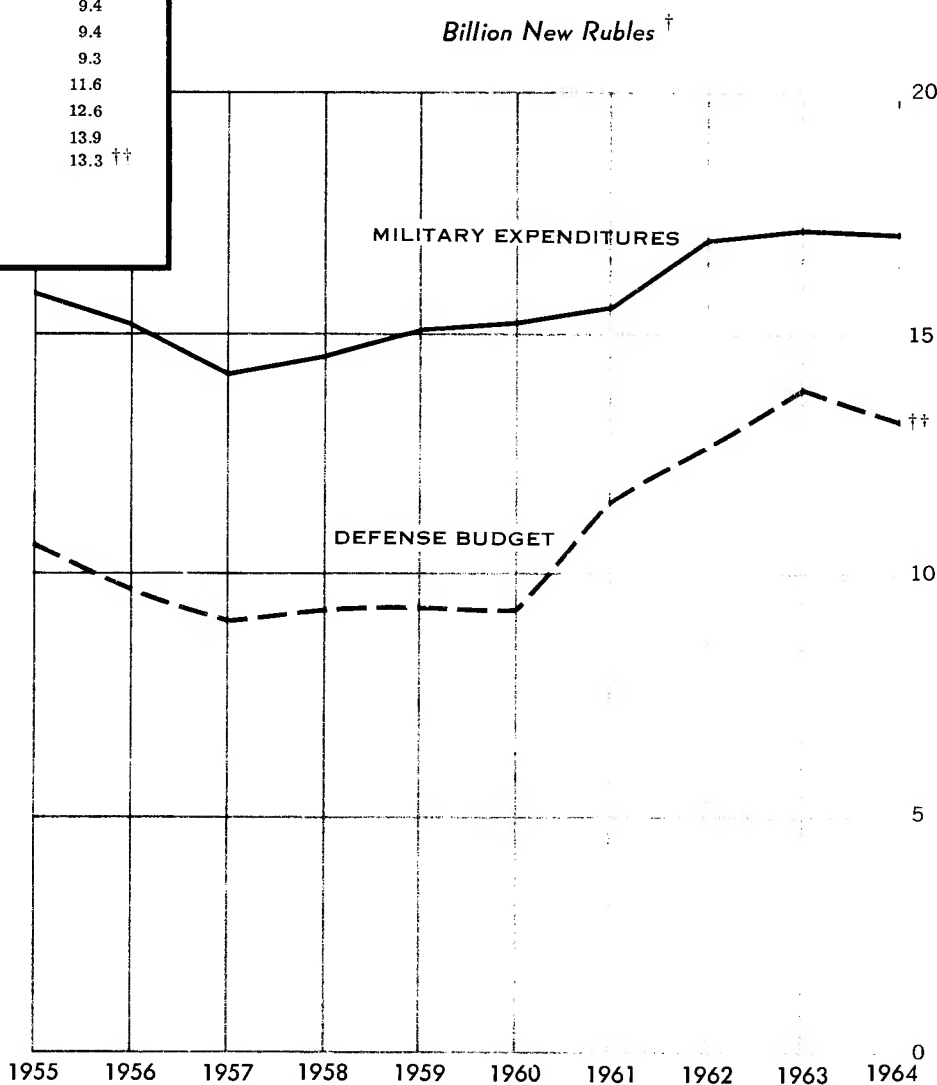
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Tabular Graphic

TABLE 16

	BILLION NEW RUBLES [†]	
	MILITARY EXPENDITURES	DEFENSE BUDGET
1955	15.9	10.7
1956	15.2	9.7
1957	14.3	9.1
1958	14.6	9.4
1959	15.1	9.4
1960	15.3	9.3
1961	15.5	11.6
1962	17.0	12.6
1963	17.2	13.9
1964	17.1	13.3 ^{††}

COMPARISON OF ESTIMATED MILITARY EXPENDITURES WITH THE ANNOUNCED DEFENSE BUDGET OF THE USSR 1955-64

[†] Expressed in 1955 prices^{††} Plan data

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EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

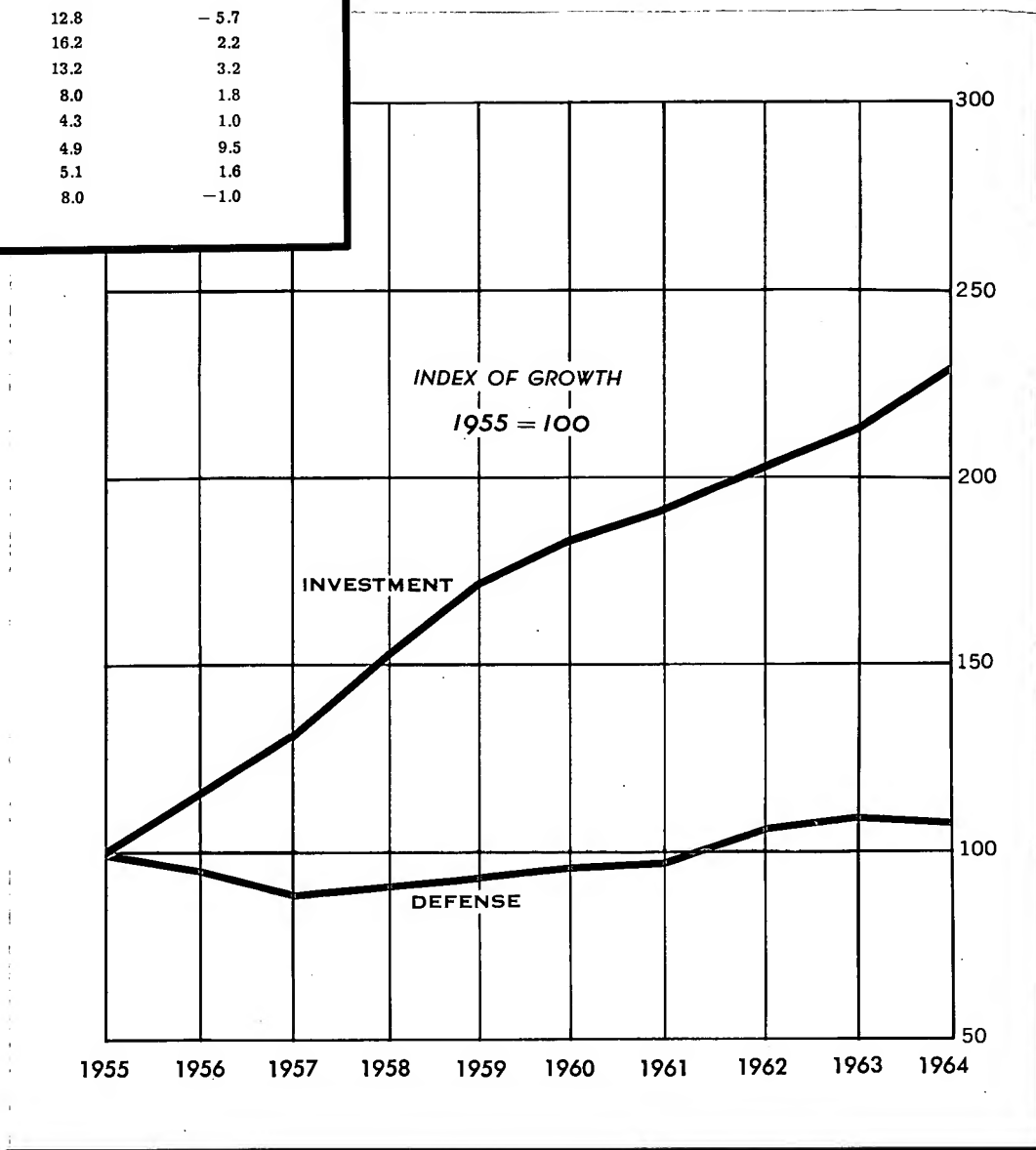
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Tabular Graphic

ANNUAL RATES OF GROWTH IN INVESTMENT AND DEFENSE FOR THE USSR, 1955-64

TABLE 17

	PERCENTAGE CHANGE FROM THE PREVIOUS YEAR	
	INVESTMENT	DEFENSE
1956	14.9	-4.5
1957	12.8	-5.7
1958	16.2	2.2
1959	13.2	3.2
1960	8.0	1.8
1961	4.3	1.0
1962	4.9	9.5
1963	5.1	1.6
1964	8.0	-1.0

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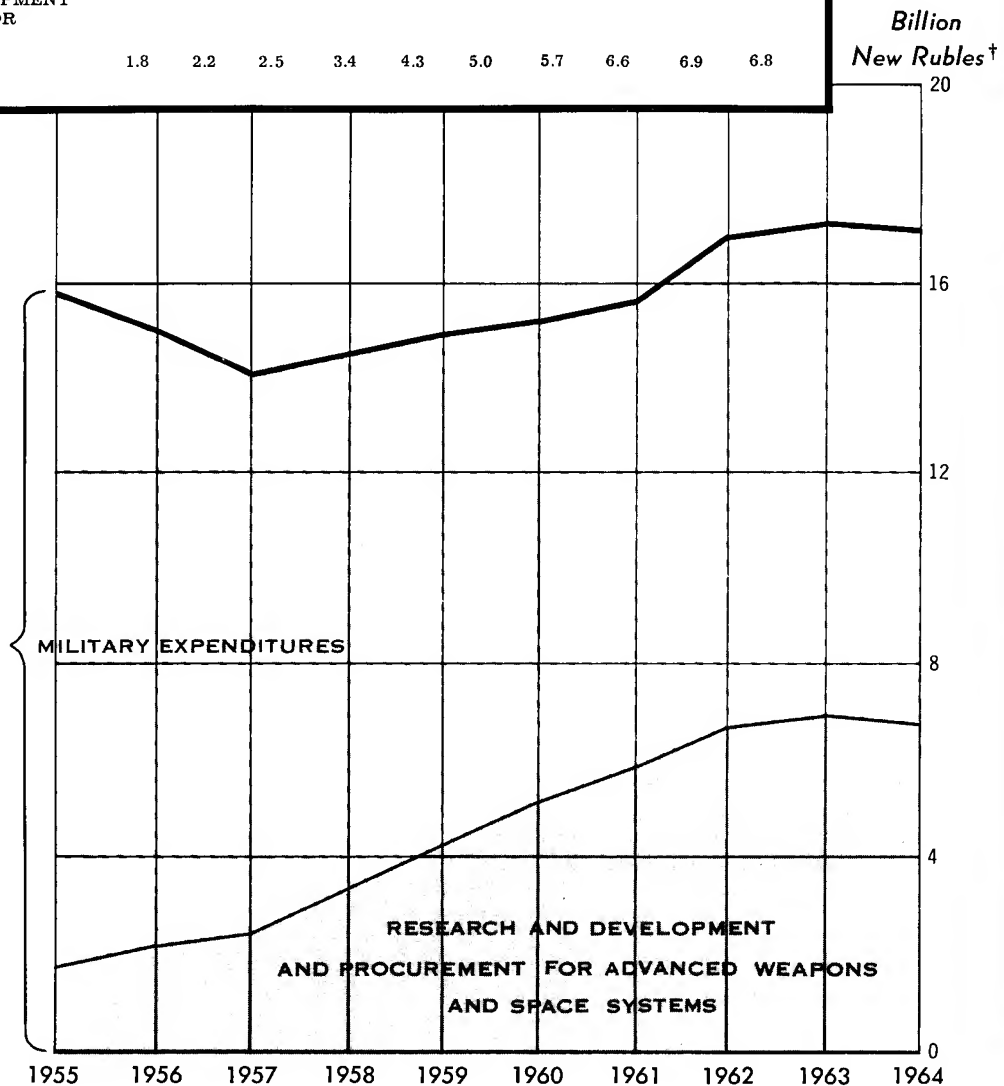
Tabular Graphic

SOVIET MILITARY EXPENDITURES

INCLUDING RESEARCH AND DEVELOPMENT AND PROCUREMENT FOR ADVANCED WEAPONS AND SPACE SYSTEMS, 1955-64

TABLE 18

	BILLION NEW RUBLES [†]									
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
MILITARY EXPENDITURES	15.9	15.2	14.3	14.6	15.1	15.3	15.5	17.0	17.2	17.1
of which: RESEARCH AND DEVELOPMENT AND PROCUREMENT FOR ADVANCED WEAPONS AND SPACE SYSTEMS	1.8	2.2	2.5	3.4	4.3	5.0	5.7	6.6	6.9	6.8

[†] Expressed in 1955 prices

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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

EXPENDITURES FOR DEFENSE BY THE USSR

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Table 19

Estimated Expenditures for Defense by the USSR ^a
1958-64Billion New Rubles ^b

	1958	1959	1960	1961	1962	1963	1964
Mission							
Strategic attack.....	2.04	2.30	2.48	2.66	3.11	2.85	2.45
Air defense.....	1.87	1.95	2.17	2.24	2.55	2.57	2.78
Ground.....	4.34	4.10	3.86	3.53	3.62	3.72	3.55
Naval.....	1.69	1.76	1.56	1.56	1.77	1.79	1.81
Military transport aviation.....	0.51	0.60	0.63	0.68	0.72	0.71	0.63
Research and development ^c	1.79	2.07	2.37	2.71	3.08	3.48	3.79
Command and general support ^d	2.36	2.28	2.25	2.10	2.11	2.10	2.05
Total military expenditures.....	14.60	15.06	15.33	15.49	16.96	17.23	17.06
Of which:							
Military machinery.....	7.72	8.26	8.99	9.40	10.69	11.00	10.96
Of which:							
Procurement of missile systems, nuclear weapons, ground electronics, and research and development, including all expenditures for space.....	3.42	4.32	4.99	5.66	6.65	6.94	6.83

^a These estimates of Soviet defense expenditures include costs of nuclear weapons, costs of space programs, and costs of military research and development, most of which are covered in announced Soviet budget accounts other than defense. Most of the estimates in this table are derived from detailed calculations of the estimated magnitude and cost of individual programs to deploy and operate elements of the Soviet military establishment. These calculations produce numbers that suggest a high degree of accuracy. In fact, however, these numbers are subject to considerable uncertainty and should not be considered as precise measures. The estimates, however, are as accurate and as comprehensive as the data available on 1 May 1965 permitted. If these estimates are to be used for further analysis of a definitive nature, this Office should be contacted to determine whether they have been supplemented or revised in any manner by additional intelligence information.

^b Expressed in 1955 prices.

^c Including estimated expenditures for research, development, test, and evaluation for all military programs, all nuclear energy programs, and all space programs. These estimates are derived from analysis of published Soviet financial data and do not represent detailed calculations of the estimated magnitude and cost of individual programs.

^d Including estimated expenditures for reserve training, militarized security forces, and paramilitary training, in addition to command and support for the active military establishment.

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POPULATION and COUNTRY TABLES

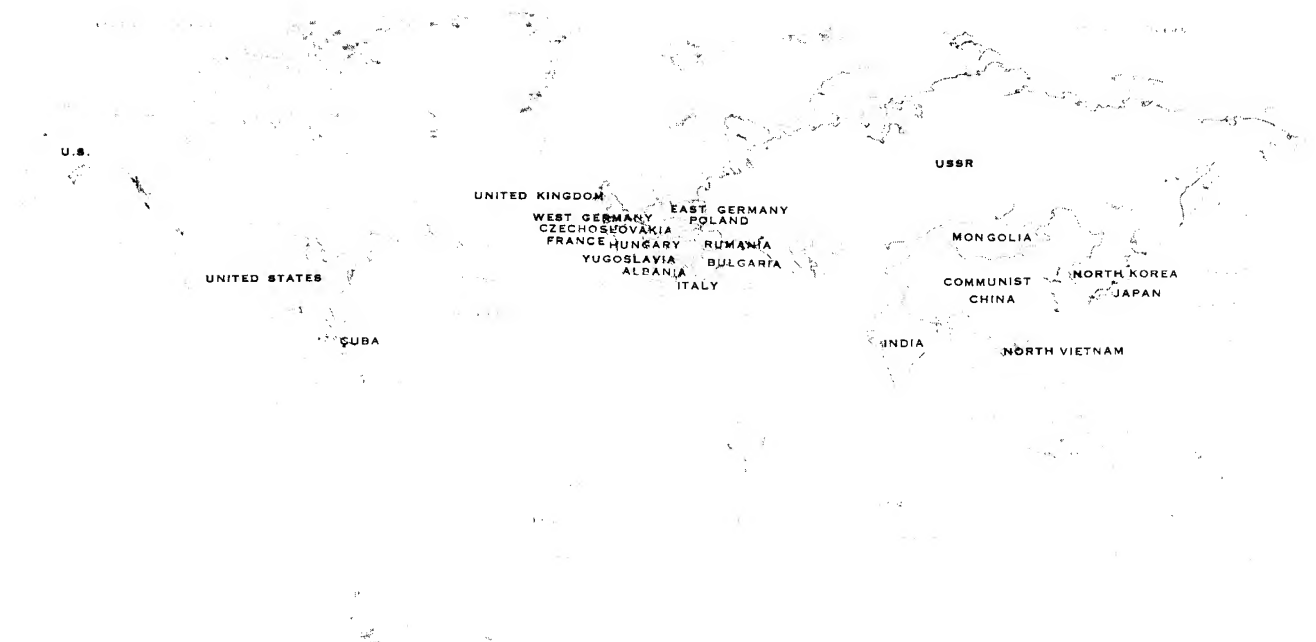


Table 20

Estimated and Projected Population
Selected Years, 1955-80

Million Persons at Midyear

	1955	1958	1959	1962	1963	1964	1965	1970	1975	1980
NATO COUNTRIES.....	445*	464*	470*	490*	496*	502*	508*	543*	580*	621*
US.....	165.9*	174.9*	177.8*	186.7*	189.4*	192.1*	195.1*	211.4*	230.4*	252.1*
Other NATO.....	279.4*	288.8*	292.1*	302.8*	306.4*	309.8*	312.9*	331.1*	349.4*	368.7*
Belgium.....	8.9*	9.1*	9.1*	9.2*	9.3*	9.3*	9.3*	9.6*	9.8*	10.1*
Canada.....	15.7*	17.1*	17.5*	18.6*	18.9*	19.3*	19.6*	21.5*	23.5*	25.6*
Denmark.....	4.4*	4.5*	4.5*	4.7*	4.7*	4.7*	4.7*	4.9*	5.1*	5.3*
France.....	43.4*	44.8*	45.2*	47.0*	47.9*	48.4*	48.9*	51.6*	54.7*	58.1*
West Germany.....	50.2*	52.1*	52.7*	54.8*	55.4*	56.1*	56.8*	59.9*	62.4*	64.4*
West Berlin.....	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.1*	2.1*	2.0*	1.8*
Greece.....	8.0*	8.2*	8.3*	8.5*	8.5*	8.5*	8.6*	8.9*	9.3*	9.6*
Iceland.....	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.3*
Italy.....	48.2*	49.0*	49.4*	50.2*	50.5*	50.8*	51.0*	52.5*	54.0*	55.5*
Luxembourg.....	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*	0.4*	0.4*
Netherlands.....	10.8*	11.2*	11.3*	11.8*	12.0*	12.1*	12.2*	12.9*	13.5*	14.2*
Norway.....	3.4*	3.5*	3.6*	3.6*	3.7*	3.7*	3.7*	3.9*	4.1*	4.3*
Portugal.....	8.6*	8.7*	8.8*	9.0*	9.0*	9.1*	9.2*	9.6*	9.8*	10.0*
Turkey.....	23.9*	26.0*	26.8*	29.2*	30.0*	30.9*	31.7*	36.5*	42.0*	48.4*
UK.....	51.2*	51.9*	52.2*	53.5*	53.8*	54.2*	54.6*	56.6*	58.6*	60.7*
COMMUNIST COUNTRIES.....	949*	1,011*	1,033*	1,085*	1,103*	1,125*	1,146*	1,258*	1,384*	1,529*
Soviet Bloc.....	289*	302*	306*	320*	324*	327*	331*	349*	367*	387*
USSR.....	196.1*	206.8*	210.5*	221.4*	224.7*	227.8*	230.8*	244.6*	258.7*	274.2*
Eastern Europe.....	92.8*	95.3*	95.9*	98.1*	98.9*	99.6*	100.5*	104.1*	108.3*	112.8*
Bulgaria.....	7.5*	7.7*	7.8*	8.0*	8.1*	8.1*	8.2*	8.6*	8.9*	9.2*
Czechoslovakia.....	13.1*	13.5*	13.6*	13.9*	14.0*	14.1*	14.2*	14.8*	15.5*	16.2*
East Germany.....	17.3*	17.4*	17.3*	17.1*	17.2*	17.2*	17.3*	17.5*	17.8*	18.2*
Hungary.....	9.8*	9.9*	9.9*	10.1*	10.1*	10.1*	10.2*	10.3*	10.5*	10.6*
Poland.....	27.2*	28.7*	29.1*	30.3*	30.7*	31.1*	31.5*	33.1*	35.1*	37.4*
Rumania.....	17.3*	18.1*	18.2*	18.7*	18.8*	19.0*	19.1*	19.8*	20.5*	21.2*
Far East.....	634*	682*	699*	737*	751*	768*	785*	877*	982*	1,104*
Communist China.....	611*	657*	673*	709*	723*	738*	755*	843*	944*	1,061*
North Korea.....	8.9*	9.9*	10.3*	11.3*	11.6*	12.0*	12.3*	14.1*	16.2*	18.6*
North Vietnam.....	14.9*	15.4*	15.7*	16.6*	16.9*	17.3*	17.7*	19.8*	22.0*	24.4*
Other.....	25.8*	26.9*	27.4*	28.3*	28.8*	29.2*	29.6*	32.0*	34.5*	37.6*
Albania.....	1.4*	1.5*	1.6*	1.7*	1.8*	1.8*	1.9*	2.2*	2.5*	3.0*
Cuba.....	6.1*	6.5*	6.7*	6.8*	6.9*	7.0*	7.1*	7.8*	8.6*	9.5*
Mongolia.....	0.8*	0.9*	0.9*	1.0*	1.0*	1.1*	1.1*	1.3*	1.4*	1.7*
Yugoslavia.....	17.5*	18.0*	18.2*	18.8*	19.1*	19.3*	19.5*	20.7*	22.0*	23.4*

* An asterisk indicates that the data are unclassified.

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LABOR FORCE

Table 21

Labor Force in the US and Selected Communist Countries ^a
1958-65

Million Persons at Midyear

	1958	1959	1960	1961	1962	1963	1964	1965
US ^b	71.3*	71.9*	73.1*	74.2*	74.7*	75.7*	77.0*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	155*	156*	159*	161*	163*	165*	167*	
USSR ^c	106.2*	107.1*	109.4*	111.0*	112.8*	114.8*	116.2*	117.8*
Eastern Europe.....	49.0*	49.2*	49.5*	49.7*	50.0*	50.4*	50.9*	
Bulgaria.....	4.20*	4.24*	4.27*	4.31*	4.34*	4.38*	4.42*	4.46*
Czechoslovakia.....	6.63*	6.65*	6.67*	6.70*	6.75*	6.81*	6.86*	6.90*
East Germany.....	8.68*	8.69*	8.66*	8.54*	8.50*	8.48*	8.42*	8.38*
Hungary.....	4.77*	4.85*	4.89*	4.90*	4.93*	4.96*	4.98*	5.01*
Poland.....	13.98*	14.06*	14.22*	14.34*	14.51*	14.73*	14.99*	15.21*
Rumania.....	10.69*	10.74*	10.82*	10.88*	10.96*	11.07*	11.20*	11.36*
Far East								
Communist China ^d	288	302	307	305	306	314	321	
North Korea ^d	3.9	3.9	4.1	4.2	4.4	4.6	4.7	4.8
North Vietnam ^d	7.8	8.0	8.2	8.4	8.6	8.8	9.1	
Other								
Albania.....	0.71*	0.72*	0.73*	0.75*	0.76*	0.78*	0.80*	0.82*
Yugoslavia.....	8.2*	8.3*	8.3*	8.4*	8.5*	8.7*	8.8*	9.0*

^{*} An asterisk indicates that the data are unclassified.^a Unless otherwise indicated, data include the armed forces and the unemployed.^b Annual averages of monthly data.^c Average annual employment in the state sector and total number of participants on collective farms. The data exclude militarized security forces.^d Excluding the armed forces.

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AGRICULTURAL LABOR FORCE

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Table 22

Agricultural Labor Force in the US and Selected Communist Countries ^a
1958-65

Million Persons at Midyear

	1958	1959	1960	1961	1962	1963	1964	1965
US ^b	5.84*	5.84*	5.72*	5.46*	5.19*	4.95*	4.76*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	74.5*	72.9*	72.5*	70.8*	69.8*	69.5*	68.5*	
USSR ^c	52.4*	51.3*	51.2*	49.9*	49.4*	49.4*	48.4*	47.6*
Eastern Europe.....	22.1*	21.6*	21.3*	20.9*	20.4*	20.1*	20.1*	
Bulgaria.....	2.65*	2.53*	2.44*	2.40*	2.37*	2.31*	2.30*	2.29*
Czechoslovakia.....	1.87*	1.73*	1.58*	1.49*	1.45*	1.44*	1.41*	1.38*
East Germany.....	1.59*	1.52*	1.43*	1.41*	1.42*	1.40*	1.38*	1.37*
Hungary.....	2.01*	1.95*	1.85*	1.74*	1.66*	1.62*	1.59*	1.57*
Poland.....	6.56*	6.52*	6.61*	6.57*	6.40*	6.32*	6.42*	6.38*
Rumania.....	7.44*	7.39*	7.41*	7.25*	7.10*	7.04*	7.00*	6.96*
Far East								
Communist China.....	247	251	254	257	262	269	275	
North Korea.....	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.4
North Vietnam.....	6.3	6.3	6.4	6.5	6.6	6.7	7.0	
Other								
Albania.....	0.51*	0.51*	0.51*	0.52*	0.52*	0.53*	0.54*	0.55*
Yugoslavia.....	4.96*	4.89*	4.82*	4.75*	4.72*	4.70*	4.68*	4.65*

^a An asterisk indicates that the data are unclassified.^a Excluding the armed forces.

^b Annual averages of monthly data. Data in this table are for civilian employment and differ from those presented in Table 140 p 152. Data in Table 140 are for farm employment and include farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages. Data in Table 140 are based on a survey of farm payrolls conducted by the US Department of Agriculture. Data for the agricultural labor force are based on a household survey of the entire population conducted by the US Bureau of Census. Data in Table 140 are a more comprehensive count of agricultural employment and are considered to be more comparable to data presented for the USSR, whereas data in this table are considered to be more comparable to data presented for the Communist countries as a whole.

^c Excluding militarized security forces.

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NONAGRICULTURAL LABOR FORCE

Table 23

Nonagricultural Labor Force in the US and Selected Communist Countries *
1958-65

	Million Persons at Midyear							
	1958	1959	1960	1961	1962	1963	1964	1965
US ^b	58.1*	59.7*	61.0*	61.3*	62.7*	63.9*	65.6*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	80.6*	83.4*	86.4*	89.9*	93.0*	95.7*	98.6*	
USSR ^c	53.8*	55.8*	58.2*	61.1*	63.4*	65.4*	67.8*	70.2*
Eastern Europe.....	26.8*	27.6*	28.2*	28.8*	29.6*	30.3*	30.8*	
Bulgaria.....	1.56*	1.71*	1.83*	1.90*	1.97*	2.08*	2.12*	2.17*
Czechoslovakia.....	4.76*	4.92*	5.09*	5.21*	5.30*	5.37*	5.44*	5.52*
East Germany.....	7.08*	7.17*	7.24*	7.13*	7.08*	7.07*	7.04*	7.02*
Hungary.....	2.76*	2.90*	3.04*	3.17*	3.26*	3.34*	3.39*	3.44*
Poland.....	7.42*	7.53*	7.61*	7.77*	8.12*	8.41*	8.57*	8.83*
Rumania.....	3.25*	3.34*	3.41*	3.63*	3.86*	4.03*	4.21*	4.40*
Far East								
Communist China ^d	41.0	51.0	53.0	48.0	44.0	45.0	46.0	
North Korea ^d	1.6	1.7	1.9	2.0	2.2	2.3	2.3	2.4
North Vietnam ^d	1.6	1.7	1.8	1.9	2.0	2.1	2.1	
Other								
Albania.....	0.20*	0.21*	0.22*	0.23*	0.24*	0.25*	0.26*	0.27*
Yugoslavia.....	3.3*	3.4*	3.5*	3.6*	3.8*	4.0*	4.2*	4.3*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include the armed forces.^b Civilian employment. The data are annual averages of monthly data but exclude the armed forces.^c Excluding militarized security forces.^d Excluding the armed forces.

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Table 24
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
Industrial production							
Index	1958=100						
World ^a	100*	110*	118*	122*	130*	137*	147*
US.....	100*	113*	116*	117*	126*	133*	141*
Passenger automobiles	Thousand units						
World ^b	8,720*	10,830*	12,790*	11,580*	14,120*	16,160*	16,880*
US ^c	4,258*	5,591*	6,675*	5,543*	6,933*	7,638*	7,752*
Synthetic fibers	Thousand metric tons						
World.....	2,698*	3,099*	3,312*	3,526*	3,948*	4,350*	4,920*
US.....	692*	822*	774*	837*	1,017*	1,136*	1,287*
Balance of payments	Million US \$						
Goods, services, and transfer payments ^d	-132*	-2,290*	+1,433*	+2,885*	+2,187*	+2,963*	+5,473*
Capital movements.....	-3,397*	-1,453*	-5,314*	-5,255*	-4,373*	-5,607*	-8,234*
Balance.....	-3,529*	-3,743*	-3,881*	-2,370*	-2,186*	-2,644* ^e	-2,761* ^e

* An asterisk indicates that the data are unclassified.

^a Excluding the Communist countries.

^b Excluding Communist China.

^c Factory sales, including parts shipped abroad for assembly.

^d Excluding military transfers under grants.

^e Including US Government nonmarketable convertible securities in the amounts of US \$702 million in 1963 and US \$375 million in 1964.

**Selected Economic Data
1958-64**

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product	Billion 1963 US \$.	476*	508*	522*	531*	565*	584*	611*
Total population (midyear) . .	Million persons . . .	174.9*	177.8*	180.7*	183.8*	186.7*	189.4*	192.1*
Labor force (midyear)	Million persons . . .	71.3*	71.9*	73.1*	74.2*	74.7*	75.7*	77.0*
Fuels and power								
Primary energy	Million mt/ce * . . .	1,335*	1,395*	1,429*	1,447*	1,506*	1,586*	1,645*
Electric power (gross)	Billion kwh	768*	844*	894*	933*	1,001*	1,071*	1,147*
Crude oil	Million mt	331*	348*	348*	354*	362*	372*	377*
Minerals and metals								
Crude steel ^b	Million mt	77.3*	84.8*	90.1*	88.9*	89.2*	99.1*	115*
Rolled steel	Million mt	59.1* ^c	62.9*	69.4*	66.6*	68.0*	74.3*	N.A.*
Refined copper	Million mt	1.45*	1.22*	1.64*	1.66*	1.73*	1.72*	1.80*
Primary aluminum	Million mt	1.42*	1.77*	1.83*	1.73*	1.92*	2.10*	2.32*
Titanium sponge	Thousand mt	4.16*	3.54*	4.82*	6.10*	6.10*	7.15*	N.A.*
Agriculture								
Grain ^d	Million mt	173*	169*	181*	164*	163*	177*	163*
Meat ^e	Million mt	11.6*	12.4*	12.8*	13.0*	13.1*	13.9*	14.8*
Manufactured items								
Sulfuric acid	Million mt	14.5*	16.0*	16.2*	16.2*	17.9*	19.0*	20.8*
Mineral fertilizers (nutrients)	Million mt	7.04*	7.40*	7.41*	8.11*	8.83*	10.0*	11.1*
Electron tubes ^f	Million units	397*	433*	393*	375*	361*	338*	320*
Cement	Million mt	54.8*	59.8*	56.1*	56.7*	58.9*	61.6*	64.2*
Rayon and acetate fabrics . .	Million lm	1,513*	1,480*	1,312*	1,340*	1,452*	1,584*	1,632*
Cotton fabric	Million lm	8,206*	8,781*	8,564*	8,383*	8,464*	8,004*	8,214*
Radio receivers	Million units	12.5*	16.5*	18.0*	18.4*	20.5*	19.7*	20.7*
Metalcutting machine tools . .	Thousand units . . .	31.5*	45.2*	42.9*	40.4*	47.5*	49.8*	55.6*
Trade								
Imports (f.o.b.)	Billion US \$	13.3*	15.5*	15.1*	14.7*	16.3*	17.1*	18.7*
Exports (f.o.b.) ^g	Billion US \$	17.7*	17.5*	20.4*	20.8*	21.4*	23.1*	26.2*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; and linear meters, lm.

^a Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^b Excluding steel for castings made in foundries operated by companies not producing ingots.

^c Excluding forgings and castings.

^d Excluding corn for silage and fodder and including sorghum for grain.

^e Carcass weight, bone-in basis.

^f Producer sales.

^g Including exports of foreign aid.

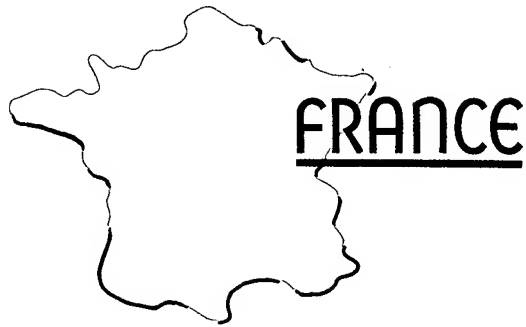


Table 25
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
GNP per capita	1963 US \$						
US.....	2,720*	2,860*	2,890*	2,890*	3,030*	3,080*	3,180*
France.....	1,590*	1,630*	1,730*	1,780*	1,880*	1,920*	1,990*
Industrial production	1958=100						
Index							
World ^a	100*	110*	118*	122*	130*	137*	147*
France.....	100*	101*	111*	117*	123*	130*	139*
Passenger automobiles	Thousand units						
World ^b	8,720*	10,830*	12,790*	11,580*	14,120*	16,160*	16,880*
France.....	924*	1,085*	1,116*	988*	1,278*	1,453*	1,318*
Balance of payments	Million US \$						
Goods, services, and transfer payments.....	-221*	+733*	+634*	+953*	+844*	+511*	-20*
Capital movements ^c	+19*	+681*	-116*	+66*	-158*	+345*	+835*
Balance.....	-202*	+1,414*	+518*	+1,019*	+686*	+856*	+815*

* An asterisk indicates that the data are unclassified.

^a Excluding the Communist countries.

^b Excluding Communist China.

^c Including transactions of the overseas franc area.

Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product *	Billion 1963 US \$.	71.4*	73.5*	79.0*	82.4*	88.2*	92.0*	96.5*
Total population (midyear) . .	Million persons . . .	44.8*	45.2*	45.7*	46.2*	47.0*	47.9*	48.4*
Fuels and power								
Primary energy	Million mt/ce b . . .	79.4*	81.3*	86.2*	83.5*	83.5*	79.1*	86.4*
Electric power (gross)	Billion kwh	63.9*	67.1*	75.0*	79.6*	86.8*	91.8*	97.6*
Crude oil	Million mt	1.4*	1.6*	2.0*	2.2*	2.4*	2.5*	2.8*
Minerals and metals								
Crude steel	Million mt	14.6*	15.2*	17.3*	17.6*	17.2*	17.6*	19.8*
Rolled steel °	Million mt	11.3*	11.8*	13.7*	14.2*	13.6*	13.7*	N.A.*
Refined copper	Thousand mt	31.6*	39.4*	40.2*	34.4*	37.5*	33.7*	37.9*
Primary aluminum	Thousand mt	169*	173*	238*	280*	294*	298*	315*
Agriculture								
Grain	Million mt	18.4*	21.7*	22.8*	20.5*	24.7*	24.7*	25.1*
Meat d	Million mt	2.48*	2.48*	2.61*	2.77*	3.15*	3.05*	3.00*
Manufactured items								
Sulfuric acid	Million mt	1.82*	1.89*	2.05*	2.20*	2.27*	2.40*	2.67*
Mineral fertilizers (nutrients) .	Million mt	2.76*	2.82*	3.02*	3.26*	3.26*	N.A.*	N.A.*
Cement	Million mt	13.6*	14.2*	14.3*	15.7*	16.9*	18.1*	21.5*
Trade								
Imports (c.i.f.) °	Billion US \$	5.6*	5.1*	6.3*	6.7*	7.5*	8.7*	10.1*
Exports (f.o.b.) °	Billion US \$	5.1*	5.6*	6.9*	7.2*	7.4*	8.1*	9.0*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; and metric tons of coal equivalents, mt/ce.

° Converted at US purchasing power equivalents.

b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

° Excluding forgings and castings.

d Carcass weight, bone-in basis.

° Including the Saar through 5 July 1959.

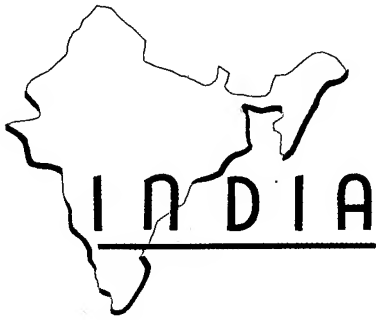


Table 26
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
Industrial production							
Index	1958=100						
World *.....	100*	110*	118*	122*	130*	137*	147*
India.....	100*	109*	121*	129*	139*	152*	162*
Manganese ore	Thousand metric tons						
World.....	12,402*	12,950*	13,571*	13,531*	14,317*	14,597*	N.A.*
India.....	1,276*	1,178*	1,199*	1,230*	1,186*	1,075*	1,220*
Net availability of grain ^b	Kilograms per capita						
Communist China.....	299	240	230	243	259	248	239
India.....	187*	190*	197*	195*	189*	194*	189*
Balance of payments	Million US \$						
Goods, services, and transfer payments.....	-775*	-361*	-732*	-699*	-776*	-625*	N.A.*
Capital movements.....	+526*	+458*	+665*	+641*	+744*	+648*	N.A.*
Balance.....	-249*	+97*	-67*	-58*	-32*	+23*	N.A.*

* An asterisk indicates that the data are unclassified.

^a Excluding the Communist countries.

^b Cereals (including paddy rice) and pulses on a gross basis.

Selected Economic Data
1958-64

	Unit of measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross domestic product * . . .	Billion 1963 US \$.	34*	35*	37*	38*	39*	41*	42*
Total population ^b (midyear).	Million persons . .	410.7*	419.6*	429.0*	439.0*	449.6*	460.5*	471.6*
Fuels and power								
Electric power ^c (gross)	Billion kwh.	15.4*	17.8*	20.1*	23.0*	25.8*	29.8*	34.1*
Hard coal	Million mt.	46.1*	47.8*	52.6*	56.1*	61.5*	66.9*	64.0*
Metallurgical coke	Million mt.	3.07*	4.30*	4.78*	6.23*	7.05*	7.35*	N.A.*
Minerals and metals								
Crude steel ^d	Million mt.	1.84*	2.47*	3.29*	4.07*	5.11*	5.98*	5.97*
Iron ore	Million mt.	6.13*	7.98*	10.7*	12.3*	13.4*	14.9*	14.9*
Pig iron and blast-furnace ferroalloys.	Million mt.	2.15*	3.19*	4.26*	5.10*	5.92*	6.74*	6.68*
Primary aluminum	Thousand mt.	8.31*	17.5*	18.4*	18.4*	35.2*	53.4*	55.0*
Refined copper	Thousand mt.	7.97*	7.67*	8.91*	8.34*	9.78*	9.58*	9.47*
Agriculture								
Ginned cotton	Million mt.	0.91*	0.73*	1.01*	0.88*	1.07*	1.14*	1.05*
Rice* (rough or paddy)	Million mt.	46.3*	47.2*	51.3*	51.3*	47.9*	55.0*	55.0*
Sugar (raw value)	Million mt.	2.17*	2.30*	2.81*	3.09*	3.05*	2.50*	N.A.*
Wheat	Million mt.	8.00*	9.96*	10.3*	11.0*	12.0*	10.8*	9.71*
Manufactured items								
Cotton yarn ^e	Thousand mt.	764*	782*	788*	862*	860*	893*	965*
Woolen yarn ^f	Thousand mt.	13.2*	13.4*	12.7*	14.7*	18.0*	22.7*	20.9*
Motor vehicles ^g	Thousand units . .	26.8*	36.5*	52.1*	54.3*	57.8*	52.2*	66.6*
Sulfuric acid	Thousand mt.	230*	297*	354*	422*	469*	568*	675*
Cement	Million mt.	6.17*	6.94*	7.84*	8.25*	8.59*	9.36*	9.69*
Transportation and trade								
Railroad freight traffic ^h	Billion tkm.	73.9*	78.6*	87.7*	91.2*	97.2*	105.3* ⁱ	N.A.*
Imports (c.i.f.)	Billion US \$	1.8*	2.0*	2.3*	2.3*	2.4*	2.5*	2.4*
Exports (f.o.b.)	Billion US \$	1.2*	1.3*	1.3*	1.4*	1.4*	1.6*	1.7*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; and metric ton-kilometers, tkm.

* Based on gross domestic product data for 1959 that was moved forward with an index of current national income to 1963 prices and deflated by a similar index for constant national income. India does not publish gross national product data and there has not been a series for gross domestic product since 1959.

^b Excluding data for Sikkim and Kashmir-Jammu.

^c Data are for the year beginning 1 April of the stated year.

^d Ingots only.

^e Estimated from planted acreage.

^f Including mixed yarn.

^g Including automobiles and commercial vehicles.

^h Unless otherwise indicated, data are for the year beginning 1 April of the stated year.

ⁱ Data are for the calendar year.



Table 27
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
GNP per capita	1963 US \$						
US.....	2,720*	2,860*	2,890*	2,890*	3,030*	3,080*	3,180*
Italy.....	835*	889*	946*	1,020*	1,080*	1,120*	1,140*
Industrial production	1958=100						
Index	1958=100						
World ^a	100*	110*	118*	122*	130*	137*	147*
Italy.....	100*	111*	129*	145*	159*	173*	174*
Passenger automobiles	Thousand units						
World ^b	8,720*	10,830*	12,790*	11,580*	14,120*	16,160*	16,880*
Italy.....	369*	471*	596*	694*	878*	1,105*	1,028*
Balance of payments	Million US \$						
Goods, services, and transfer payments.....	+564*	+755*	+317*	+508*	+276*	-657*	+660*
Capital movements.....	+342*	+142*	-148*	+105*	+13*	+35*	-323*
Balance.....	+906*	+896*	+169*	+614*	+290*	-622*	+337*

* An asterisk indicates that the data are unclassified.

^a Excluding the Communist countries.

^b Excluding Communist China.

**Selected Economic Data
1958-64**

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product *	Billion 1963 US \$.	40.9*	43.9*	46.9*	50.8*	54.0*	56.6*	58.1*
Total population (midyear) . .	Million persons . . .	49.0*	49.4*	49.6*	49.9*	50.2*	50.5*	50.8*
Fuels and power								
Primary energy	Million mt/ce b . . .	29.9*	32.9*	37.7*	36.4*	35.1*	36.8*	38.8*
Electric power (gross)	Billion kwh	45.5*	49.4*	56.2*	60.6*	64.9*	70.8*	73.5*
Crude oil	Million mt	1.5*	1.7*	2.0*	2.0*	1.8*	1.8*	2.6*
Minerals and metals								
Crude steel	Million mt	6.3*	6.8*	8.2*	9.1*	9.8*	10.2*	9.7*
Rolled steel	Million mt	5.5*	6.2*	7.8*	8.3*	8.6*	9.0*	N.A.*
Refined copper	Thousand mt	14.7*	19.0*	15.6*	14.0*	12.0*	13.0*	12.2*
Primary aluminum	Thousand mt	63.8*	74.9*	83.6*	83.4*	81.2*	91.4*	115.5*
Agriculture								
Grain	Million mt	15.2*	14.0*	12.0*	13.9*	14.4*	13.3*	14.0*
Meat °	Million mt	0.94*	1.03*	1.10*	1.25*	1.26*	1.17*	1.18*
Manufactured items								
Sulfuric acid	Million mt	2.03*	2.14*	2.30*	2.45*	2.55*	2.71*	2.68*
Mineral fertilizers (nutrients)	Million mt	0.94*	1.02*	1.11*	1.20*	1.26*	N.A.*	N.A.*
Cement	Million mt	12.8*	14.4*	16.0*	18.0*	20.2*	22.1*	22.8*
Trade								
Imports (c.i.f.)	Billion US \$	3.2*	3.4*	4.7*	5.2*	6.1*	7.6*	7.2*
Exports (f.o.b.)	Billion US \$	2.6*	2.9*	3.6*	4.2*	4.7*	5.1*	6.0*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; and metric tons of coal equivalents, mt/ce.

° Converted at US purchasing power equivalents.

° Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

° Carcass weight, bone-in basis.

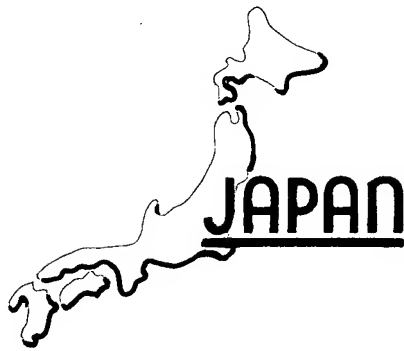


Table 28
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
Industrial production							
Index	1958=100						
World ^a	100*	110*	118*	122*	130*	137*	147*
Japan.....	100*	120*	149*	178*	193*	212*	248*
Passenger automobiles	Thousand units						
World ^b	8,720*	10,830*	12,790*	11,580*	14,120*	16,160*	16,880*
Japan.....	51*	79*	165*	250*	269*	408*	580*
Shipbuilding							
Merchant ships launched	Thousand gross register tons						
World.....	9,270*	8,746*	8,356*	7,940*	8,375*	8,550*	10,365*
Japan.....	2,067*	1,723*	1,732*	1,799*	2,183*	2,374*	4,205*
Balance of payments	Million US \$						
Goods, services, and transfer payments.....	+264*	+361*	+142*	-983*	-50*	-778*	-472*
Capital movements.....	+75*	+125*	+356*	+578*	+278*	+1,019*	+417*
Balance.....	+339*	+486*	+497*	-406*	+228*	+242*	-56*

* An asterisk indicates that the data are unclassified.

^a Excluding the Communist countries.

^b Excluding Communist China.

Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product ^a	Billion 1963 US \$.	46*	57*	65*	75*	80*	87*	N.A.*
Total population (midyear) . . .	Million persons . .	91.5*	92.4*	93.2*	94.0*	94.9*	95.9*	96.9*
Labor force (end of year)	Million persons . . .	43.2*	42.9*	44.4*	44.9*	45.3*	45.7*	46.0*
Fuels and power								
Electric power (gross)	Billion kwh.	85.4*	99.1*	115*	132*	140*	160*	174*
Crude oil ^b	Thousand mt.	410*	454*	593*	738*	860*	898*	766*
Minerals and metals								
Crude steel	Million mt.	12.1*	16.6*	22.1*	28.3*	27.5*	31.5*	39.8*
Rolled steel	Million mt.	9.09*	11.7*	17.2*	21.9*	22.3*	25.6*	N.A.*
Refined copper	Thousand mt.	124*	194*	248*	277*	270*	295*	342*
Primary aluminum	Thousand mt.	84.6*	100*	133*	154*	171*	224*	265*
Agriculture								
Meat ^c	Thousand mt.	315*	362*	322*	381*	502*	495*	517*
Fish catch ^d	Million mt.	5.51*	5.88*	6.19*	6.71*	6.86*	6.70*	N.A.*
Rice (rough or paddy)	Million mt.	15.0*	15.6*	16.1*	15.5*	16.3*	16.0*	16.0*
Manufactured items								
Sulfuric acid	Million mt.	3.80*	4.20*	4.45*	4.68*	4.91*	4.99*	5.37*
Synthetic fibers	Thousand mt.	46.4*	80.8*	118*	153*	183*	239*	342*
Cement	Million mt.	15.0*	17.3*	22.5*	24.6*	28.8*	29.9*	33.0*
Cotton fabrics	Million sq m.	2,542*	2,656*	3,118*	3,282*	3,084*	2,940*	2,966*
Rayon and acetate fabrics	Million sq m.	1,612*	1,673*	1,828*	1,775*	1,641*	1,632*	1,584*
Trade								
Imports (c.i.f.)	Billion US \$	3.03*	3.60*	4.49*	5.81*	5.64*	6.74*	7.94*
Exports (f.o.b.)	Billion US \$	2.88*	3.46*	4.06*	4.24*	4.92*	5.45*	6.68*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; and square meters, sq m.

^a Converted at US purchasing power equivalents in approximately the same manner as the data for the NATO countries found in Table 2, p. 3. A 1960 geometric conversion ratio has been constructed by Irving Kravis in *Journal of Political Economy*, August 1963, p. 327, and the conversion was moved forward by the appropriate index numbers.

^b Including natural gasoline.

^c Carcass weight, bone-in basis.

^d Including whale catch.



Table 29
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
GNP per capita	1963 US \$						
US.....	2,720*	2,860*	2,890*	2,890*	3,030*	3,080*	3,180*
UK.....	1,590*	1,650*	1,720*	1,760*	1,760*	1,810*	1,900*
Industrial production	1958=100						
Index							
World *.....	100*	110*	118*	122*	130*	137*	147*
UK.....	100*	105*	113*	113*	114*	119*	128*
Shipbuilding	Thousand gross register tons						
Merchant ships launched							
World.....	9,270*	8,746*	8,356*	7,940*	8,375*	8,550*	10,365*
UK.....	1,402*	1,373*	1,331*	1,192*	1,073*	938*	1,043*
Balance of payments	Million US \$						
Goods, services, and transfer payments.....	+966*	+428*	-770*	-62*	+252*	+269*	-1,047*
Capital movements ^b	-400*	-913*	+238*	+118*	+6*	-692*	-1,036*
Balance.....	+566*	-484*	-532*	+56*	+258*	-423*	-2,083*

* An asterisk indicates that the data are unclassified.

^a Excluding the Communist countries.

^b Excluding commercial bank transactions.

**Selected Economic Data
1958-64**

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product *	Billion 1963 US \$.	82.6*	86.1*	90.2*	93.3*	94.1*	97.6*	103*
Total population (midyear) . . .	Million persons . . .	51.9*	52.2*	52.5*	* 53.0*	53.5*	53.8*	54.2*
Fuels and power								
Primary energy	Million mt/ce b . . .	221*	212*	200*	197*	205*	204*	202*
Electric power (gross)	Billion kwh	113*	121*	137*	146*	160*	176*	184*
Crude oil	Thousand mt	81*	84*	87*	108*	113*	125*	125* c
Minerals and metals								
Crude steel	Million mt	19.9*	20.5*	24.7*	22.4*	20.8*	22.9*	26.6*
Rolled steel	Million mt	15.3*	15.1*	18.4*	16.7*	15.7*	17.2*	N.A.*
Refined copper	Thousand mt	196*	195*	219*	238*	232*	214*	245*
Primary aluminum	Thousand mt	26.8*	24.9*	29.4*	32.8*	34.6*	31.1*	32.2*
Agriculture								
Grain	Million mt	8.2*	9.1*	9.5*	9.5*	11.6*	11.2*	12.6*
Meat d	Million mt	1.73*	1.68*	1.72*	1.88*	1.96*	2.00*	1.96*
Manufactured items								
Sulfuric acid	Million mt	2.28*	2.49*	2.77*	2.71*	2.78*	2.93*	3.18*
Mineral fertilizers (nutri- ents)	Thousand mt	715*	786*	841*	885*	919*	N.A.*	N.A.*
Cement	Million mt	11.9*	12.8*	13.5*	14.4*	14.3*	14.1*	17.0*
Woolen fabrics	Million sq m	292*	305*	307*	294*	274*	272*	272*
Rayon and acetate fabrics . . .	Million lm	550*	539*	564*	555*	517*	514*	557*
Trade								
Imports (c.i.f.)	Billion US \$	10.5*	11.2*	12.7*	12.3*	12.6*	13.5*	15.4*
Exports (f.o.b.) e	Billion US \$	9.3*	9.7*	10.3*	10.8*	11.1*	11.9*	12.3*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; square meters, sq m; and linear meters, lm.

a Converted at US purchasing power equivalents.

b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

c Data are for 1963.

d Carcass weight, bone-in basis.

e Including re-exports.



Table 30
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
GNP per capita							
	1963 US \$						
US.....	2,720*	2,860*	2,890*	2,890*	3,030*	3,080*	3,180*
West Germany.....	1,480*	1,570*	1,720* ^a	1,790* ^a	1,840* ^a	1,880* ^a	1,980* ^a
Industrial production							
Index	1958=100						
World ^b	100*	110*	118*	122*	130*	137*	147*
West Germany ^c	100*	108*	121*	129*	135*	139*	152*
Passenger automobiles							
	Thousand units						
World ^d	8,720*	10,830*	12,790*	11,580*	14,120*	16,160*	16,880*
West Germany.....	1,307*	1,503*	1,817*	1,904*	2,109*	2,414*	2,650*
Balance of payments							
	Million US \$						
Goods, services, and transfer payments.....	+1,495*	+1,036*	+1,155*	+694*	-554*	+220*	+102*
Capital movements.....	-630*	-1,459*	+909*	-633*	+292*	+459*	+80*
Balance.....	+865*	-424*	+2,064*	+60*	-261*	+679*	+183*

* An asterisk indicates that the data are unclassified.

^a Including the Saar and West Berlin.

^b Excluding the Communist countries.

^c Excluding the Saar.

^d Excluding Communist China.

Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product ^a	Billion 1963 US \$.	77.2*	82.6*	95.5*	101*	105*	108*	115*
Total population ^b (midyear) . . .	Million persons . .	54.3*	54.9*	55.4*	56.2*	57.0*	57.6*	58.3*
West Berlin population	Million persons . . .	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*
Fuels and power								
Primary energy	Million mt/ce ^c . . .	193*	186*	189*	190*	191*	192*	195* ^b
Electric power (gross)	Billion kwh	95.3* ^d	103* ^d	116*	125*	135*	148*	164*
Crude oil	Million mt	4.4*	5.1*	5.5*	6.2*	6.8*	7.4*	7.7* ^b
Minerals and metals								
Crude steel	Million mt	22.8* ^d	25.8* ^d	34.1*	33.5*	32.6*	31.6*	37.3* ^b
Rolled steel	Million mt	17.4* ^{d,e}	22.3* ^d	25.8*	25.7*	24.9*	24.2*	N.A.*
Refined copper	Thousand mt	268*	282*	309*	315*	319*	314*	348*
Primary aluminum	Thousand mt	137*	151*	169*	173*	178*	210*	220* ^b
Agriculture								
Grain	Million mt	12.0*	13.3*	14.1*	11.2*	13.6*	14.0*	15.0*
Meat ^f	Million mt	2.68*	2.51*	2.62*	2.73*	2.93*	2.07*	2.92*
Manufactured items								
Sulfuric acid	Million mt	2.92*	2.94*	3.17*	3.10*	3.10*	3.32*	3.60* ^b
Mineral fertilizers (nutri- ents)	Million mt	3.40*	3.68*	3.90*	3.85*	3.88*	N.A.*	N.A.*
Cement	Million mt	19.7*	23.2*	24.9*	27.1*	28.6*	29.2*	33.8* ^b
Trade								
Imports (c.i.f.) ^g	Billion US \$	8.0*	8.9*	10.6*	11.0*	12.3*	13.0*	14.6*
Exports (f.o.b.) ^g	Billion US \$	9.2*	10.3*	12.0*	12.7*	13.2*	14.6*	16.2*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; and metric tons of coal equivalents, mt/ce.

^a Converted at US purchasing power equivalents. Data for 1958-59 exclude the Saar and West Berlin. The data for West Germany for 1960, excluding the Saar and West Berlin, is 1963 US \$89.9 billion.

^b Including data related to West Berlin, for which separate data are not available.

^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^d Excluding data for the Saar.

^e Excluding forgings and castings.

^f Carcass weight, bone-in basis.

^g Excluding data for the Saar before 6 July 1959.



Table 31
Selected International Comparisons
1958-64

	1958	1959	1960	1961	1962	1963	1964
Agricultural production							
Index	1958=100						
World ^a	100*	103*	105*	106*	110*	112*	N.A.*
USSR.....	100*	96*	96*	105*	103*	98*	109*
Industrial production							
Index	1958=100						
World ^b	100*	110*	118*	122*	130*	137*	147*
USSR.....	100	108	115	123	133	140	147
Cement							
	Million metric tons						
World ^a	253*	282*	303*	325*	350*	367*	399*
US.....	55*	60*	56*	57*	59*	62*	64*
USSR.....	33*	39*	46*	51*	57*	61*	65*
Synthetic fibers							
	Thousand metric tons						
World.....	2,698*	3,099*	3,312*	3,526*	3,948*	4,350*	4,920*
USSR.....	166*	180*	211*	250*	277*	308*	361*

* An asterisk indicates that the data are unclassified.

^a Excluding Communist China.

^b Excluding the Communist countries.

Selected Economic Data 1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	230	239	250	265	275	284	301
Total population (midyear) .	Million persons . .	206.8*	210.5*	214.2*	217.9*	221.4*	224.7*	227.8*
Labor force *.	Million persons...	106.2*	107.1*	109.4*	111.0*	112.8*	114.8*	116.2*
Fuels and power								
Primary energy.....	Million mt/ce b...	580*	620*	663*	706*	763*	821*	886*
Electric power (gross).....	Billion kwh.....	235*	265*	292*	328*	369*	412*	459*
Hard coal.....	Million mt.....	353*	365*	375*	377*	386*	395*	410*
Metallurgical coke.....	Million mt.....	50.9*	53.4*	56.2*	58.6*	60.9*	63.9*	66.2*
Crude oil.....	Million mt.....	113*	130*	148*	166*	186*	206*	224*
Natural gas *.	Billion cu m.....	28.1*	35.4*	45.3*	59.0*	73.5*	89.8*	108*
Minerals and metals								
Crude steel.....	Million mt.....	54.9*	60.0*	65.3*	70.8*	76.3*	80.2*	85.0*
Rolled steel.....	Million mt.....	36.6*	40.0*	43.7*	47.5*	51.4*	54.1*	57.4*
Pig iron.....	Million mt.....	39.6*	43.0*	46.8*	50.9*	55.3*	58.7*	62.4*
Iron ore.....	Million mt.....	88.8*	94.0*	106*	118*	128*	138*	146*
Refined copper.....	Thousand mt....	406*	450*	490*	530*	590*	640*	700*
Primary aluminum.....	Thousand mt....	510*	575*	650*	725*	800*	875*	975
Lead.....	Thousand mt....	288*	306*	324*	343*	364*	385*	408*
Titanium sponge.....	Thousand mt....	3.00	3.00	4.00	4.00	5.00	5.00	5.00
Agriculture								
Grain d.....	Million mt.....	125*	100*	100*	115*	115*	95*	125*
Cattle (beginning of year)...	Million head.....	66.8*	70.8*	74.2*	75.8*	82.1*	87.0*	85.4*
Meat *.	Million mt.....	6.78*	7.67*	7.38*	7.40*	8.14*	8.87*	7.10*
Milk.....	Million mt.....	54.6*	56.1*	55.5*	56.3*	58.1*	56.3*	52.7*
Manufactured items								
Cotton yarn.....	Million mt.....	1.06*	1.12*	1.17*	1.16*	1.19*	1.22*	1.29*
Sulfuric acid.....	Million mt.....	4.80*	5.08*	5.40*	5.72*	6.13*	6.88*	7.65*
Synthetic ammonia.....	Million mt N....	0.90	1.04	1.18	1.36	1.63	2.02	2.41
Mineral fertilizers (nutrients) .	Million mt.....	2.95*	3.06*	3.28*	3.59*	4.08*	4.65*	5.98*
Metalcutting machine tools .	Thousand units..	138*	148*	156*	166*	177*	183*	184*
Chemical equipment.....	Thousand mt....	N.A.	N.A.	N.A.	250*	273*	N.A.	N.A.
Tractors.....	Thousand units..	220*	214*	238*	264*	287*	325*	329*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	1,302*	1,430*	1,504*	1,567*	1,646*	1,749*	1,854*
Highway freight traffic.....	Billion tkm.....	76.8*	87.6*	98.5*	106*	112*	120*	127*
Imports (f.o.b.).....	Billion US \$.....	4.35*	5.07*	5.63*	5.83*	6.46*	7.06*	7.74*
Exports (f.o.b.).....	Billion US \$.....	4.30*	5.44*	5.56*	6.00*	7.03*	7.27*	7.68*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; cubic meters, cu m; metric tons of nitrogen, mt N; and metric ton-kilometers, tkm.

* Average annual employment. Data include the armed forces but exclude militarized security forces.

b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

c Gross production less losses and waste.

d Including pulses.

e Data refer to meat on the basis of carcass weight, bone-in and include slaughter fats and poultry.



Table 32
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$..	4.1	4.3	4.8	4.9	5.2	5.4	5.7
Industrial production.....	1958=100.....	100	115	132	142	155	167	182
Total population (midyear)...	Million persons....	7.7*	7.8*	7.9*	7.9*	8.0*	8.1*	8.1*
Labor force *.....	Million persons....	4.20*	4.24*	4.27*	4.31*	4.34*	4.38*	4.42*
Fuels and power								
Primary energy.....	Million mt/ce ^b	7.8*	9.4*	10.3*	11.5*	13.0*	13.8*	16.2*
Electric power (gross).....	Billion kwh.....	3.02*	3.87*	4.66*	5.41*	6.04*	7.20*	8.73*
Brown coal and lignite.....	Million mt.....	12.4*	14.9*	16.6*	18.0*	20.2*	21.3*	24.8*
Minerals and metals								
Crude steel °.....	Million mt.....	0.26*	0.28*	0.30*	0.39*	0.48*	0.52*	0.54*
Rolled steel.....	Million mt.....	0.12*	0.17*	0.19*	0.27*	0.33*	0.35*	0.36*
Refined copper.....	Thousand mt.....	6.1* ^d	8.2*	14.0*	15.0*	18.3*	20.0*	20.6*
Lead.....	Thousand mt.....	26.1*	32.7*	40.4*	40.9*	43.7*	51.0*	87.0*
Agriculture								
Grain.....	Million mt.....	3.45	4.05	4.04	3.78	3.82	3.94	4.15
Ginned cotton.....	Thousand mt.....	15.4*	17.1*	21.1*	7.9*	16.1*	13.1*	14.0
Wool (grease basis).....	Thousand mt.....	16.5*	19.3*	21.0*	23.1*	22.8*	23.7*	24.8*
Potatoes.....	Million mt.....	0.25*	0.42*	0.48*	0.44*	0.36*	0.41*	0.42
Cattle (beginning of year)....	Million head.....	1.44*	1.36*	1.28*	1.45*	1.58*	1.58*	1.49*
Hogs (beginning of year).....	Million head.....	1.99*	2.05*	2.27*	2.55*	2.33*	2.07*	2.10*
Meat °.....	Thousand mt.....	208	201	174	204	223	209	220
Manufactured items								
Sulfuric acid.....	Thousand mt.....	64*	91*	123*	192*	247*	269*	291*
Soda ash.....	Thousand mt.....	99*	114*	128*	123*	171*	198*	217*
Cement.....	Million mt.....	0.93*	1.43*	1.59*	1.75*	1.89*	2.20*	2.68*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	5.24*	6.29*	6.98*	7.45*	7.88*	8.57*	9.50*
Highway freight traffic.....	Billion tkm.....	1.15*	1.38*	2.04*	2.32*	2.64*	2.72*	2.99*
Imports (f.o.b.).....	Billion US \$.....	0.37*	0.58*	0.63*	0.67*	0.78*	0.93*	1.06*
Exports (f.o.b.).....	Billion US \$.....	0.37*	0.47*	0.57*	0.66*	0.77*	0.83*	0.97*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; and metric ton-kilometers, tkm.

^a Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^c Including an estimate for steel castings.

^d Blister copper.

^e Carcass weight, bone-in basis.



CZECHOSLOVAKIA

Table 33
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	17.6	18.4	19.8	20.6	21.0	20.6	20.6
Industrial production.....	1958=100.....	100	108	118	125	131	127	130
Total population (midyear)...	Million persons...	13.5*	13.6*	13.7*	13.8*	13.9*	14.0*	14.1*
Labor force * (midyear).....	Million persons...	6.63*	6.65*	6.67*	6.70*	6.75*	6.81*	6.86*
Fuels and power								
Primary energy.....	Million mt/ce ^b ...	48.6*	47.9*	51.3*	54.8*	57.4*	59.4*	60.5*
Electric power (gross).....	Billion kwh.....	19.6*	21.9*	24.4*	27.0*	28.8*	29.9*	32.1*
Brown coal and lignite.....	Million mt.....	56.4*	53.1*	57.9*	64.6*	68.8*	72.4*	74.6*
Natural gas.....	Billion cu m.....	1.25*	1.49*	1.44*	1.41*	1.20*	1.10*	1.00*
Minerals and metals								
Crude steel.....	Million mt.....	5.51*	6.14*	6.77*	7.04*	7.64*	7.60*	8.38*
Rolled steel.....	Million mt.....	4.28*	4.57*	5.11*	5.41*	5.83*	5.84*	6.55*
Pig iron.....	Million mt.....	3.77*	4.24*	4.70*	4.97*	5.18*	5.25*	5.72*
Iron ore.....	Million mt.....	2.80*	2.97*	3.12*	3.29*	3.48*	3.41*	2.86*
Manganese ore.....	Thousand mt....	165*	156*	154*	101*	83*	85*	81*
Primary aluminum.....	Thousand mt....	26*	41*	52*	53*	54*	56*	56*
Agriculture								
Grain.....	Million mt.....	4.83*	5.52*	5.74*	5.66*	5.69*	5.64*	5.24*
Potatoes.....	Million mt.....	6.59*	6.33*	5.09*	5.33*	5.00*	6.51*	7.50*
Cattle (beginning of year)...	Million head....	4.09*	4.18*	4.30*	4.39*	4.52*	4.51*	4.48*
Hogs (beginning of year)....	Million head....	5.44*	5.28*	5.69*	5.96*	5.90*	5.90*	5.84*
Meat °.....	Thousand mt....	466	471	483	499	514	512	543
Manufactured items								
Electric motors (ac).....	Million kw.....	2.37*	2.67*	2.95*	3.41*	3.52*	3.64*	N.A.
Electric generators (ac).....	Million kw.....	0.98*	1.11*	1.39*	1.54*	1.34*	1.13*	N.A.
Television receivers.....	Thousand units..	134*	197*	263*	334*	307*	235*	260*
Metalcutting machine tools..	Thousand units..	28.0*	29.2*	30.2*	31.3*	33.5*	26.7*	20.7*
Metallurgical equipment....	Thousand mt....	76.2*	88.1*	90.7*	109*	112*	104*	N.A.
Chemical equipment.....	Thousand mt....	41*	50*	57*	91*	95*	91*	85*
Tractors.....	Thousand units..	24.6*	29.2*	32.5*	27.8*	31.5*	28.4*	30.0*
Passenger automobiles.....	Thousand units..	43.4*	50.6*	56.2*	58.8*	64.3*	56.5*	42.1*
Cement.....	Million mt.....	4.11*	4.74*	5.05*	5.34*	5.71*	5.18*	5.49*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	42.7*	44.1*	47.4*	50.7*	52.2*	51.7*	55.4*
Highway freight traffic.....	Billion tkm.....	3.98*	4.78*	5.11*	5.67*	6.06*	6.32*	6.57*
Imports (f.o.b.).....	Billion US \$.....	1.36*	1.60*	1.82*	2.02*	2.07*	2.16*	2.43*
Exports (f.o.b.).....	Billion US \$.....	1.51*	1.73*	1.93*	2.05*	2.19*	2.46*	2.58*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; cubic meters, cu m; kilowatts, kw; and metric ton-kilometers, tkm.

° Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

° Carcass weight, bone-in basis.



Table 34
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$..	19.8	21.0	21.9	22.5	23.2	23.7	24.4
Industrial production.....	1958=100.....	100	110	117	122	127	132	137
Total population (midyear)...	Million persons....	17.4*	17.3*	17.2*	17.1*	17.1*	17.2*	17.2*
Labor force * (midyear).....	Million persons....	8.68*	8.69*	8.66*	8.54*	8.50*	8.48*	8.42*
Fuels and power								
Primary energy.....	Million mt/ce ^b	70.4	70.2	73.6	77.2	80.2	82.5	83.0
Electric power (gross).....	Billion kwh.....	34.9*	37.2*	40.3*	42.5*	45.1*	47.4*	51.0*
Brown coal and lignite.....	Million mt.....	215*	215*	226*	237*	247*	254*	257*
Minerals and metals								
Crude steel.....	Million mt.....	3.46*	3.65*	3.79*	3.91*	4.09*	4.09*	4.35*
Rolled steel.....	Million mt.....	2.26*	2.49*	2.61*	2.70*	2.80*	2.81*	3.02
Iron ore.....	Million mt.....	1.51*	1.60*	1.64*	1.64*	1.64*	1.66*	1.65*
Refined copper.....	Thousand mt.....	32.5	36.9*	39.2	38.8	39.5	40.0*	50.0
Agriculture								
Grain.....	Million mt.....	5.64	5.20	5.60	4.80	5.34	5.03	4.98
Cattle ^c	Million head.....	3.74*	4.14*	4.46*	4.68* ^d	4.55* ^e	4.51* ^e	4.61* ^e
Meat ^f	Thousand mt.....	707	685	730	755	649	715	785
Manufactured items								
Sulfuric acid.....	Thousand mt.....	650*	689*	730*	819*	861*	919*	937*
Synthetic ammonia.....	Thousand mt N...	365*	376*	392*	396*	404*	412*	420*
Soda ash.....	Thousand mt.....	553*	559*	594*	599*	646*	653*	671*
Mineral fertilizers (nutrients)...	Million mt.....	2.03*	2.03*	2.08*	2.09*	2.18*	2.29*	2.34*
Passenger automobiles.....	Thousand units...	38.4*	52.7*	64.1*	69.6*	72.2*	84.3*	92.0*
Cement.....	Million mt.....	3.56*	4.20*	5.03*	5.28*	5.43*	5.46*	5.77*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	30.1*	31.6*	32.9*	34.7*	37.4*	37.6*	43.8*
Highway freight traffic.....	Billion tkm.....	4.15*	4.62*	4.98*	5.27*	5.65*	6.20*	6.37*
Imports (f.o.b.).....	Billion US \$.....	1.68*	1.99*	2.17*	2.22*	2.37*	2.30*	N.A.
Exports (f.o.b.).....	Billion US \$.....	1.89*	2.12*	2.19*	2.26*	2.36*	2.69*	N.A.

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; metric tons of nitrogen, mt N; and metric ton-kilometers, tkm.

^a Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^c Unless otherwise indicated, data are as of 3 December of the previous year.

^d Data are as of 28 December of the previous year.

^e Data are as of 30 November of the previous year.

^f Carcass weight, bone-in basis.



HUNGARY

Table 35
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	7.8	8.2	8.7	8.9	9.3	9.7	10.1
Industrial production.....	1958=100.....	100	108	117	129	139	146	158
Total population (midyear) .	Million persons...	9.9*	9.9*	10.0*	10.0*	10.1*	10.1*	10.1*
Labor force * (midyear).....	Million persons...	4.77*	4.85*	4.89*	4.90*	4.93*	4.96*	4.98*
Fuels and power								
Primary energy.....	Million mt/ce ^b ...	13.5*	14.3*	15.1*	16.2*	16.8*	18.2*	19.0*
Electric power (gross).....	Billion kwh.....	6.48*	7.09*	7.62*	8.37*	9.10*	9.70*	10.60*
Brown coal and lignite.....	Million mt.....	21.6*	22.6*	23.7*	25.1*	25.3*	26.8*	27.4*
Natural gas.....	Million cu m.....	379*	334*	342*	324*	340*	611*	780*
Minerals and metals								
Crude steel.....	Million mt.....	1.63*	1.76*	1.89*	2.05*	2.33*	2.37*	2.40*
Rolled steel.....	Million mt.....	1.09*	1.14*	1.23*	1.45*	1.61*	1.69*	1.70*
Manganese ore.....	Thousand mt.....	182*	154*	123*	125*	124*	123*	127*
Primary aluminum.....	Thousand mt.....	40*	46*	50*	51*	53*	55*	57*
Bauxite.....	Million mt.....	1.05*	0.94*	1.19*	1.37*	1.47*	1.36*	1.50*
Agriculture								
Grain.....	Million mt.....	5.71	7.34	6.88	6.11	6.73	6.31	6.76
Potatoes.....	Million mt.....	2.60*	2.37*	2.66*	1.63*	1.88*	2.03*	1.68*
Cattle ^c	Million head.....	1.94*	2.00*	1.97*	1.96*	1.99*	1.91*	1.88*
Hogs ^c	Million head.....	5.34*	6.22*	5.36*	5.92*	6.41*	5.43*	6.36*
Meat ^d	Thousand mt.....	320	341	290	352	417	425	425
Manufactured items								
Cotton yarn.....	Thousand mt.....	46*	48*	53*	57*	60*	64*	67*
Sulfuric acid ^e	Thousand mt.....	148*	168*	178*	200*	224*	283*	316* ^f
Mineral fertilizers (nutrients) .	Thousand mt.....	69*	91*	102*	124*	146*	168*	188*
Tractors.....	Thousand units...	1.5*	2.3*	2.6*	2.5*	2.6*	3.1*	3.0*
Cement.....	Million mt.....	1.30*	1.43*	1.57*	1.60*	1.73*	1.80*	2.30*
Transportation and trade								
Railroad freight traffic ^g	Billion tkm.....	10.2*	11.7*	13.3*	13.9*	14.6*	15.4*	16.2*
Highway freight traffic.....	Billion tkm.....	1.00	1.12	1.58	1.69	1.85*	2.18*	2.40*
Imports (c.i.f.).....	Billion US \$.....	0.63*	0.79*	0.98*	1.03*	1.15*	1.31*	1.50*
Exports (f.o.b.).....	Billion US \$.....	0.68*	0.77*	0.87*	1.03*	1.10*	1.21*	1.35*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; cubic meters, cu m; and metric ton-kilometers, tkm.

^a Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^c Data are as of 1 March of the stated year.

^d Carcass weight, bone-in basis.

^e Unless otherwise indicated, data include oleum.

^f Excluding oleum.

^g Including performance by railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."



POLAND

Table 36
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	20.8	21.5	23.0	25.2	24.8	26.2	27.3
Industrial production.....	1958=100	100	108	119	130	141	148	160
Total population (midyear)...	Million persons...	28.7*	29.1*	29.6*	29.9*	30.3*	30.7*	31.1*
Labor force * (midyear).....	Million persons...	13.98*	14.06*	14.22*	14.34*	14.51*	14.73*	14.99*
Fuels and power								
Primary energy.....	Million mt/ce ^b ...	84.7*	88.6*	93.5*	95.8*	98.8*	103*	109*
Electric power (gross).....	Billion kwh.....	24.0*	26.4*	29.3*	32.2*	35.4*	37.0*	40.5*
Hard coal.....	Billion mt.....	0.95*	0.99*	1.04*	1.07*	1.10*	1.13*	1.17*
Natural gas.....	Billion cu m.....	0.38*	0.42*	0.54*	0.72*	0.79*	0.98*	1.23*
Metallurgical coke.....	Million mt.....	6.65*	7.24*	7.71*	7.52*	7.92*	8.36*	8.40*
Minerals and metals								
Crude steel.....	Million mt.....	5.66*	6.16*	6.68*	7.23*	7.68*	8.00*	8.57*
Rolled steel.....	Million mt.....	3.70*	4.06*	4.42*	4.82*	5.24*	5.46*	5.71*
Pig iron.....	Million mt.....	3.59*	4.09*	4.25*	4.43*	4.93*	4.99*	5.37*
Iron ore.....	Million mt.....	1.96*	2.01*	2.18*	2.39*	2.44*	2.61*	2.69*
Primary aluminum.....	Thousand mt.....	22*	23*	26*	48*	48*	47*	48*
Lead.....	Thousand mt.....	35.8*	38.7*	39.7*	39.8*	40.7*	38.9*	41.5*
Refined zinc.....	Thousand mt.....	163*	168*	176*	182*	181*	181*	187*
Agriculture								
Grain °.....	Million mt.....	13.5*	14.1*	13.1	14.3	13.0	13.5	13.0
Potatoes.....	Million mt.....	34.8*	34.0	36.0	43.4	36.1	42.6	45.5
Cattle ^d	Million head.....	8.21*	8.35*	8.70*	9.17*	9.59*	9.84*	9.94*
Hogs ^d	Million head.....	12.0*	11.2*	12.6*	13.4*	13.6*	11.6*	12.9*
Meat °.....	Million mt.....	1.16	1.13	1.15	1.28	1.28	1.19	1.22
Manufactured items								
Cotton yarn.....	Thousand mt.....	135*	146*	153*	164*	163*	160*	179*
Sulfuric acid.....	Million mt.....	0.57*	0.61*	0.68*	0.79*	0.85*	0.89*	1.00*
Mineral fertilizers (nutrients).....	Thousand mt.....	382*	430*	477*	517*	573*	600*	675*
Trucks and buses.....	Thousand units..	13.8*	18.0*	24.0*	24.0*	28.7*	33.8*	34.3*
Cement.....	Million mt.....	5.06*	5.32*	6.60*	7.36*	7.54*	7.67*	8.72*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	57.2*	61.7*	66.6*	69.7*	72.7*	74.4*	78.8*
Highway freight traffic.....	Billion tkm.....	4.60*	5.00*	5.40*	6.00*	6.40*	6.00*	6.54*
Imports (f.o.b.).....	Billion US \$.....	1.23*	1.42*	1.50*	1.69*	1.89*	1.98*	2.07*
Exports (f.o.b.).....	Billion US \$.....	1.06*	1.15*	1.33*	1.50*	1.65*	1.77*	2.10*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; cubic meters, cu m; and metric ton-kilometers, tkm.

° Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

° Including barley, oats, rye, and wheat only.

^d Data are as of 30 June of the stated year.

° Carcass weight, bone-in basis. Data include edible offal.



Table 37
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	8.9	10.2	11.0	11.8	12.2	12.9	13.8
Industrial production.....	1958=100.....	100	111	130	148	169	188	214
Total population (midyear)...	Million persons....	18.1*	18.2*	18.4*	18.6*	18.7*	18.8*	19.0*
Labor force * (midyear).....	Million persons....	10.69*	10.74*	10.82*	10.88*	10.96*	11.07*	11.20*
Fuels and power								
Primary energy.....	Million mt/ce ^b	31.7*	33.5*	34.9*	36.4*	40.0*	42.7*	45.1*
Electric power (gross).....	Billion kwh.....	6.18*	6.82*	7.65*	8.66*	10.3*	11.7*	13.8*
Brown coal and lignite.....	Million mt.....	3.5*	3.8*	3.7*	3.8*	4.3*	4.6*	5.1*
Crude oil.....	Million mt.....	11.3*	11.4*	11.5*	11.6*	11.9*	12.2*	12.4*
Natural gas °.....	Billion cu m.....	8.31*	9.30*	10.1*	10.9*	12.9*	14.3*	15.6*
Petroleum products.....	Million mt.....	10.6	10.8	11.0	11.0	11.3	11.6	11.8
Minerals and metals								
Crude steel.....	Million mt.....	0.93*	1.42*	1.81*	2.13*	2.45*	2.70*	3.04*
Rolled steel.....	Million mt.....	0.63*	0.82*	1.25*	1.52*	1.66*	1.92*	2.06*
Iron ore.....	Million mt.....	0.74*	1.06*	1.46*	1.74*	1.74*	2.29*	1.95*
Manganese ore.....	Thousand mt.....	200*	197*	175*	206*	189*	260*	N.A.
Agriculture								
Grain.....	Million mt.....	6.44	9.34	8.58	9.32	8.57	9.14	9.70
Potatoes.....	Million mt.....	2.22	2.32	2.41	2.30	2.08	2.15	2.09
Cattle (beginning of year)....	Million head....	4.47*	4.39*	4.45*	4.53*	4.71*	4.57*	4.64*
Hogs (beginning of year)....	Million head.....	3.25*	4.01*	4.30*	4.30*	4.66*	4.52*	4.66*
Wool (grease basis).....	Thousand mt.....	19.6*	21.0*	21.8*	23.0*	23.0	22.8	23.2
Meat.....	Thousand mt.....	336	381	409	446	430	385	404
Manufactured items								
Grain combines.....	Thousand units...	5.80*	3.40*	5.50*	6.13*	5.81*	3.66*	1.72*
Tractors.....	Thousand units...	7.0*	11.0*	17.1*	20.0*	21.5*	13.3*	16.0*
Cement.....	Million mt.....	2.57*	2.85*	3.05*	3.31*	3.49*	4.37*	4.57*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	17.0*	17.5*	19.8*	22.2*	24.4*	26.8*	29.7*
Highway freight traffic.....	Billion tkm.....	1.50*	1.55*	1.60*	1.91*	2.43*	2.78*	3.15*
Imports (f.o.b.).....	Billion US \$.....	0.48*	0.50*	0.65*	0.81*	0.94*	1.02*	1.12*
Exports (f.o.b.).....	Billion US \$.....	0.47*	0.52*	0.72*	0.79*	0.82*	0.92*	1.04*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; cubic meters, cu m; and metric ton-kilometers, tkm.

° Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

° Including methane (dry) gas and wet gas from oilfields.



COMMUNIST CHINA

Table 38
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.....	75	80	75	60	65	67	70
Industrial production *.....	1958=100.....	100	127	128	89	78	82	90
Total population (midyear).....	Million persons.....	657*	673*	686*	698*	709*	723*	738*
Labor force ^b (midyear).....	Million persons.....	288	302	307	305	306	314	321
Agricultural labor force (midyear)....	Million persons.....	247	251	254	257	262	269	275
Fuels and power								
Primary energy.....	Million mt/ce °.....	217	280	302	201	176	187	204
Electric power (gross).....	Billion kwh.....	28*	42*	47*	31*	30*	33*	36*
Hard coal ^d	Million mt.....	230	300	330	240	210	215	220
Crude oil (natural and synthetic).....	Million mt.....	2.26*	3.70*	4.60	4.50	5.00	5.80	6.70
Petroleum products.....	Million mt.....	2.7	4.0	4.7	4.0	4.5	5.3	6.3
Minerals and metals								
Crude steel.....	Million mt.....	8.00*	13.4*	18.4*	N.A.	7 to 8	7 to 9	8 to 10
Pig iron.....	Million mt.....	13.7* ^e	20.5* ^f	27.5* ^g	N.A.	N.A.	N.A.	N.A.
Iron ore.....	Million mt.....	59*	83*	83*	N.A.	N.A.	N.A.	N.A.
Manganese ore.....	Million mt.....	0.53	1.24	1.50	N.A.	N.A.	N.A.	N.A.
Tungsten ore (60 percent WO ₃ basis)...	Thousand mt.....	30	33	34	N.A.	N.A.	N.A.	N.A.
Primary aluminum.....	Thousand mt.....	49	70	80	N.A.	80	80	80

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Agriculture								
Grain ^b	Million mt.....	200	165	160	165	180	175	170
Rice (rough or paddy).....	Million mt.....	91	81	79	82	82	74	78
Potatoes ¹	Million mt.....	148	84	88	101	116	104	104
Ginned cotton.....	Million mt.....	1.76*	1.34	1.25	0.98	0.75	0.80	0.96
Wool (grease basis).....	Thousand mt.....	54.2	57.9	56.5	55.1	N.A.	N.A.	N.A.
Fish catch.....	Million mt.....	4.06	5.00	3.45 ^j	3.70 ^j	N.A.	N.A.	N.A.
Manufactured items								
Cotton cloth.....	Billion lm.....	5.7	7.5	N.A.	2.9	2.9	3.0	N.A.
Cotton yarn.....	Million mt.....	1.11*	1.50*	N.A.	0.58	0.58	0.61	0.70
Sulfuric acid.....	Million mt.....	0.74*	1.05*	1.35*	N.A.	1.10	1.50	2.00
Mineral fertilizers (nutrients).....	Thousand mt.....	266	366	486	274	412	568	N.A.
Cement.....	Million mt.....	9.3	12.3	N.A.	N.A.	6	7	8
Trade								
Imports (f.o.b.).....	Billion US \$.....	1.82	2.06	2.02	1.48	1.15	1.19	1.45
Exports (f.o.b.).....	Billion US \$.....	1.92	2.22	1.96	1.52	1.52	1.54	1.80

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; and linear meters, lm.

^a Estimates of this Office computed by applying value-added weights to data for commodity production.

^b Excluding the armed forces.

^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^d Including a negligible amount of brown coal.

^e Including 4.16 million metric tons of "native iron."

^f Including 9.6 million metric tons of pig iron made in "small blast furnaces," of which 5.9 million metric tons were usable for steelmaking.

^g Including 13.4 million metric tons made in "small blast furnaces," of which 6.5 million metric tons were usable for steelmaking.

^h Including tubers on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

ⁱ Including sweet and Irish potatoes and other starchy tubers such as taro and cassava.

^j Fish only.

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COMMUNIST CHINA



Table 39
Selected Economic Data
1958-64

	Unit of Measure†	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	1.50	1.75	1.95	2.05	2.20	2.35	2.50
Gross industrial production..	1958=100.....	100*	152*	176*	201*	241*	260*	305*
Total population (midyear)..	Million persons..	9.9*	10.3*	10.6*	11.0*	11.3*	11.6*	12.0*
Labor force * (midyear).....	Million persons...	3.9	3.9	4.1	4.2	4.4	4.6	4.7
Fuels and power								
Primary energy.....	Million mt/ce b...	10.2*	11.8*	14.0*	15.6*	17.6*	18.4*	19.5*
Electric power (gross).....	Billion kwh.....	7.63*	7.81*	9.14*	10.0*	11.4*	11.8*	12.4*
Metallurgical coke.....	Million mt.....	0.26*	0.70*	0.82*	0.82*	1.17*	1.20*	1.20*
Hard coal.....	Million mt.....	4.2*	5.5*	6.8*	7.6*	8.6*	9.2*	9.6*
Minerals and metals								
Crude steel.....	Million mt.....	0.36*	0.45*	0.64*	0.78*	1.05*	1.02*	1.13*
Finished steel.....	Million mt.....	0.25	0.33	0.47	0.54	0.63	0.76	0.87
Iron ore.....	Million mt.....	1.55*	2.70*	3.11*	3.54*	3.34*	3.86*	4.00*
Tungsten ore d.....	Thousand mt....	2.56*	2.79*	3.00*	3.10*	3.90*	4.00	4.20*
Lead.....	Thousand mt....	19*	22*	34*	40*	43*	47*	51*
Refined zinc.....	Thousand mt....	18.0*	30.0	55.0*	62.0*	66.0*	71.0*	75.0*
Agriculture								
Grain.....	Million mt.....	2.88	1.35	2.68	2.94	3.14	N.A.	N.A.
Rice (rough or paddy).....	Million mt.....	1.51	1.23	1.51	1.53	1.75	1.55	1.62
Potatoes e.....	Million mt.....	0.80	0.83	0.79	1.05	N.A.	N.A.	N.A.
Cattle (beginning of year)...	Million head....	0.67*	0.71*	0.68*	0.67*	0.68*	0.68*	N.A.
Hogs (beginning of year)....	Million head....	1.44*	1.61*	1.12*	1.39*	1.50*	N.A.	N.A.
Fish catch.....	Thousand mt....	501	515	465	595	N.A.	640	610
Manufactured items								
Sulfuric acid.....	Thousand mt....	234*	216*	255*	273*	316*	321*	N.A.
Synthetic ammonia.....	Thousand mt N..	102	105	111	115	136	136	N.A.
Mineral fertilizers (nutri- ents)	Thousand mt....	94	102	133	157	171	184	N.A.
Cement.....	Million mt.....	1.24*	1.93*	2.28*	2.26*	2.38*	2.53*	N.A.
Transportation								
Railroad freight traffic.....	Billion tkm.....	6.30*	7.80*	9.09*	9.87*	9.90*	10.4*	10.6*
Highway freight traffic.....	Million tkm....	352*	503*	548*	559*	632*	657*	703*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; metric tons of nitrogen, mt N; and metric ton-kilometers, tkm.

* Excluding the armed forces.

b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

c Plan.

d Tungsten trioxide (60 percent WO₃ basis).

e Including sweet and Irish potatoes and other starchy tubers such as taro and cassava.

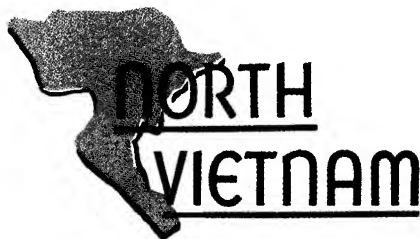


Table 40
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross national product.....	Billion 1963 US \$.	1.08	1.24	1.27	1.35	1.46	1.49	1.62
Gross industrial production..	1958=100.....	100*	128*	152*	173*	217*	234*	258*
Total population (midyear)..	Million persons...	15.4*	15.7*	16.0*	16.3*	16.6*	16.9*	17.3*
Labor force * (midyear).....	Million persons...	7.8	8.0	8.2	8.4	8.6	8.8	9.1
Fuels and power								
Primary energy.....	Million mt/ce b...	1.4	2.0	2.4	2.6	3.2	3.1	3.2
Electric power (gross).....	Billion kwh.....	0.16*	0.21*	0.26*	0.30*	0.37*	0.46*	0.55*
Minerals and metals								
Iron Ore.....	Million mt.....	N.A.	N.A.	0.02*	0.02*	0.03*	0.07*	0.25
Chromite.....	Thousand mt....	5.7*	6.6*	19.4*	29.5*	32.6*	30.3*	33.4*
Agriculture								
Grain °.....	Million mt.....	4.77*	5.44*	4.43*	4.92*	4.82*	4.51*	4.79*
Rice (rough or paddy).....	Million mt.....	4.58*	5.19*	4.21*	4.65*	4.54*	4.30*	4.51*
Sweet potatoes.....	Million mt.....	0.42*	0.72*	0.58*	0.98*	0.86*	0.81*	1.15*
Ginned cotton.....	Thousand mt....	1.8*	2.0*	1.5*	2.0*	1.9*	2.0*	N.A.
Cattle ^d (beginning of year)...	Million head....	2.37*	2.40*	2.33	2.23*	2.27*	2.30*	N.A.
Hogs (beginning of year)...	Million head....	2.95*	3.99*	3.63*	3.75*	3.74*	4.24*	4.21*
Fish catch.....	Thousand mt....	151	161	167	163	185	N.A.	N.A.
Manufactured items								
Cotton yarn.....	Thousand mt....	9*	10*	10*	12	12*	13*	14*
Cement.....	Thousand mt....	302*	381*	408*	458*	462*	495*	648*
Transportation and trade								
Railroad freight traffic.....	Million tkm....	290*	520*	700*	730*	700*	850*	930*
Highway freight traffic.....	Million tkm....	51*	78*	108*	132*	148*	164*	179*
Imports (f.o.b.).....	Million US \$....	63.3*	104*	128*	144*	148*	156*	158*
Exports (f.o.b.).....	Million US \$....	51.2*	67.3*	79.9*	80.5*	91.6*	96.6*	109*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; and metric ton-kilometers, tkm.

* Excluding the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^c Including corn and rice only.

^d Including buffaloes.



Table 41
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross industrial production..	1958=100.....	100*	119*	132*	141*	150*	160*	172*
Total population (midyear)..	Million persons...	1.5*	1.6*	1.6*	1.7*	1.7*	1.8*	1.8*
Labor force * (midyear).....	Million persons...	0.71*	0.72*	0.73*	0.75*	0.76*	0.78*	0.80*
Fuels and power								
Primary energy.....	Million mt/ce ^b ...	0.73*	0.87*	1.22*	1.28*	1.31*	1.26*	1.38*
Electric power (gross).....	Billion kwh.....	0.15*	0.18*	0.19*	0.23*	0.24*	0.26*	N.A.
Brown coal and lignite.....	Million mt.....	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*
Minerals and metals								
Chromite ^c	Thousand mt....	90.6*	112*	130*	105*	113*	132*	138*
Agriculture								
Grain.....	Million mt.....	0.29*	0.34*	0.22*	0.28*	0.31*	0.29*	0.32
Ginned cotton.....	Thousand mt....	5.7*	7.0*	5.4*	6.1*	6.2*	7.7*	6.7*
Potatoes.....	Million mt.....	0.02*	0.03*	0.02*	0.03*	0.02*	0.02*	0.03
Cattle ^d (beginning of year)..	Thousand head...	410*	430*	430*	430*	420*	410*	410*
Hogs (beginning of year)....	Thousand head...	100*	110*	120*	130*	130*	110*	110*
Wool (grease basis).....	Thousand mt....	2.3	2.3	2.2	2.4	2.4	2.4	2.6
Manufactured items								
Cement.....	Thousand mt....	78*	74*	73*	120*	120*	N.A.	N.A.
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	0.03*	0.05*	0.05*	0.08*	0.08*	0.08*	0.08*
Highway freight traffic.....	Million tkm.....	234*	291*	328*	378*	397*	405*	446* ^e
Imports (f.o.b.).....	Million US \$....	78.6*	85.3*	81.1*	72.2*	64.6*	70.7*	78*
Exports (f.o.b.).....	Million US \$....	29.2*	34.0*	48.6*	48.6*	40.9*	48.1*	58*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; and metric ton-kilometers, tkm.

^a Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^c Data are for the estimated chromic oxide (Cr₂O₃) content of the ores mined.

^d Including buffaloes.

^e Plan.

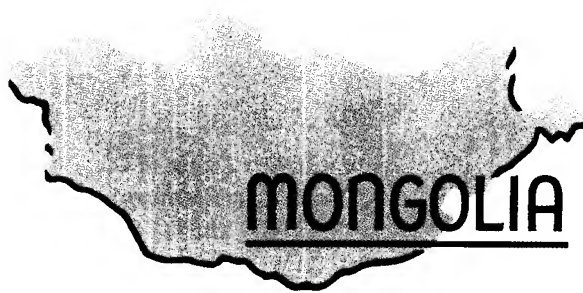


Table 42
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross industrial production..	1958=100.....	100*	108*	138*	171	195*	205*	219*
Total population (midyear).	Million persons...	0.9*	0.9*	1.0*	1.0*	1.0*	1.0*	1.1*
Fuels and power								
Electric power (gross).....	Million kwh.....	85.4*	95.0*	106.3*	123.3*	155.0*	146.2*	158.7*
Coal.....	Million mt.....	0.47*	0.56*	0.62*	0.75*	0.86	0.84*	0.62*
Diesel fuel.....	Thousand mt....	6.8*	N.A.	7.0*	7.2*	7.1*	7.6*	8.2*
Petroleum.....	Thousand mt....	35.4*	N.A.	28.6*	26.1*	22.6*	25.0*	18.0*
Gasoline.....	Thousand mt....	13.8*	N.A.	17.8*	17.4*	17.9*	18.2*	N.A.
Agriculture								
Grain	Thousand mt....	77.5*	139.8*	256.5*	125.7*	288.4*	320.2*	371
Livestock.....	Million head....	23.4*	23.9*	20.7*	20.3*	20.9*	22.4*	22.7*
Fresh butter ^b	Thousand mt....	4.9*	5.0*	4.8*	4.4*	3.9*	3.9*	4.2*
Minerals and metals								
Tungsten ore ^c	Mt.....	300*	N.A.	300*	300*	570*	570*	N.A.
Manufactured items								
Hides and skins.....	Thousand units..	N.A.	N.A.	922.4*	1,389.8*	2,168.6*	N.A.	2,286.6*
Bricks.....	Million units....	60.6*	64.0	77.5*	66.9*	61.0*	62.5*	N.A.
Leather footwear.....	Thousand pairs...	635.2*	N.A.	904.3*	1,055.7*	1,187.5*	1,310.7*	1,415.2*
Transportation and trade								
Railroad freight traffic.....	Billion tkm.....	3.0*	3.0	3.0*	3.1	N.A.	1.3	N.A.
Imports (f.o.b.).....	Million US \$....	77*	83	121	137	160	N.A.	N.A.
Exports (f.o.b.).....	Million US \$....	56*	62	73	76	90	N.A.	N.A.

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; and metric ton-kilometers, tkm.

^a Including barley, oats, other cereals, and wheat.

^b Excluding butter prepared by the self-employed for their own use.

^c Tungsten trioxide (60 percent WO₃ basis).

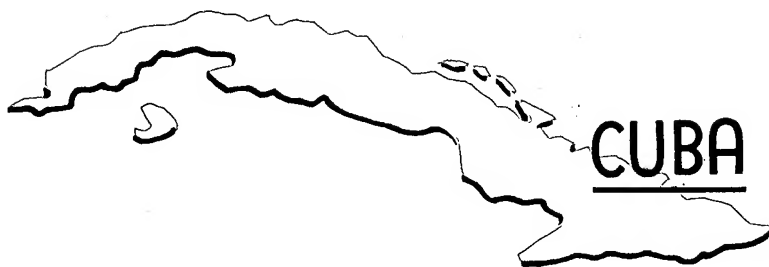


Table 43
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Gross domestic product.....	Billion 1957 US \$.	2.78*	2.90*	2.94*	3.10*	2.81*	2.63*	2.73*
Total population (midyear) .	Million persons...	6.5*	6.7*	6.7*	6.8*	6.8*	6.9*	7.0*
Fuels and power								
Electric power (gross).....	Billion kwh.....	2.59*	2.81*	2.98*	3.03*	3.00*	3.06*	3.27*
Minerals and metals								
Crude steel (ingots).....	Thousand mt....	N.A.	N.A.	N.A.	107	55	63	65
Manganese ore.....	Thousand mt....	68* ^a	53* ^a	16* ^b	89	79	81*	108* ^c
Refined nickel ^d	Thousand mt....	17.9*	18.0*	14.7	17.9	22.3	21.3*	22.0*
Chromite ^e	Thousand mt....	27.0*	16.7* ^b	10.0* ^b	14.2	50.5	56.6*	60.0*
Agriculture								
Grain ^f	Million mt.....	0.42*	0.44*	0.48*	0.40*	0.37*	0.38*	0.19
Rice (rough or paddy).....	Thousand mt....	226*	249*	270*	200*	210*	200*	120
Potatoes.....	Thousand mt....	110*	116*	90.0*	85.0*	90.0*	83.0*	N.A.
Cattle (beginning of year) .	Million head....	5.70*	5.85*	5.76*	5.78*	5.80*	6.00	6.18
Hogs (beginning of year)...	Million head....	1.75*	1.78*	1.72*	0.83*	1.42*	1.66*	N.A.
Fish catch.....	Thousand mt....	21.9*	28.2*	31.2*	30.5*	35.0*	35.6*	N.A.
Milk.....	Thousand mt....	740*	N.A.	742*	760*	660*	660*	N.A.
Sugar.....	Million mt.....	5.78*	5.96*	5.86*	6.77*	4.82*	3.82*	4.10* ^g
Tobacco.....	Thousand mt....	52.8*	41.1*	52.2*	47.2*	45.4*	N.A.	N.A.
Molasses.....	Million gallons...	311*	311*	287*	330*	240*	200	210
Green coffee.....	Thousand mt....	29.5*	48.0*	42.0*	48.0*	50.0*	35.0*	N.A.
Ginned cotton.....	Thousand mt....	Negl.*	1.4*	7.2*	4.7*	3.6*	3.5*	3.0
Manufactured items								
Rubber tires.....	Thousand units..	265	326	341	361	391	363	450
Cement.....	Thousand mt....	715*	626*	813*	870*	780*	810*	N.A.
Trade								
Imports (c.i.f.).....	Million US \$.....	855*	742*	550*	702*	747*	831*	975*
Exports (f.o.b.).....	Million US \$.....	734*	638*	618*	625*	521*	545*	675*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt, and kilowatt-hours, kwh.

^a Exports.

^b US imports.

^c Plan.

^d Nickel content of oxide and sulfides.

^e Data are for the estimated chromic oxide (Cr₂O₃) content of the ores mined.

^f Including corn and rice only.

^g Data are for the sugar crop year—that is, the year beginning 1 May of the stated year.



Table 44
Selected Economic Data
1958-64

	Unit of Measure †	1958	1959	1960	1961	1962	1963	1964
Aggregative data								
Industrial production.....	1958=100.....	100*	112*	127*	136*	146*	169*	196*
Total population (midyear) ..	Million persons...	18.0*	18.2*	18.4*	18.6*	18.8*	19.1*	19.3*
Labor force * (midyear).....	Million persons...	8.2*	8.3*	8.3*	8.4*	8.5*	8.7*	8.8*
Fuels and power								
Primary energy.....	Million mt/ce ^b ...	11.8*	13.2*	15.0*	15.8*	16.8*	18.9*	20.2*
Electric power (gross).....	Billion kwh.....	7.36*	8.11*	8.93*	9.92*	11.28*	13.54*	14.18*
Crude oil.....	Million mt.....	0.46*	0.59*	0.94*	1.34*	1.52*	1.61*	1.80*
Natural gas.....	Million cu m.....	46*	50*	53*	69*	95*	191*	270*
Metallurgical coke.....	Million mt.....	1.03*	1.07*	1.08*	1.10*	1.11*	1.09*	1.16*
Minerals and metals								
Crude steel.....	Million mt.....	1.12*	1.30*	1.44*	1.53*	1.60*	1.59*	1.68*
Rolled steel.....	Million mt.....	0.81*	0.96*	1.06*	1.14*	1.16*	1.26*	N.A.
Iron ore.....	Million mt.....	2.00*	2.10*	2.20*	2.18*	2.19*	2.30*	2.31*
Refined copper.....	Thousand mt....	29.9*	31.6*	35.1*	30.1*	45.5*	49.0*	50.0*
Primary aluminum.....	Thousand mt....	22*	19*	25*	27*	28*	36*	35*
Bauxite.....	Million mt.....	0.73*	0.82*	1.02*	1.23*	1.33*	1.28*	1.29*
Agriculture								
Grain.....	Million mt.....	7.43*	12.1*	10.9*	8.97*	9.79*	10.6*	11.7*
Cattle (beginning of year)...	Million head....	4.92*	5.09*	5.35*	5.76*	5.88*	5.36*	5.11*
Hogs (beginning of year)....	Million head....	4.23*	5.66*	6.21*	5.82*	5.16*	5.01*	6.11*
Meat ^c	Thousand mt....	367*	431*	488*	475*	509*	490*	514*
Fish catch.....	Thousand mt....	31.3*	29.4*	30.8*	38.4*	30.4*	34.1*	N.A.
Milk.....	Million mt.....	2.19*	2.30*	2.28*	2.25*	2.22*	2.17*	2.15*
Manufactured items								
Cotton yarn ^d	Thousand mt....	45*	47*	51*	55*	69*	75*	82*
Sulfuric acid.....	Thousand mt....	125*	128*	130*	255*	286*	391*	472*
Mineral fertilizer (nutrients).	Thousand mt....	65*	65*	59*	90*	118*	230*	315*
Passenger automobiles.....	Thousand units..	2.9*	4.4*	10.5*	15.0*	13.1*	20.9*	27.8*
Trucks and buses.....	Thousand units..	4.76*	4.23*	5.46*	6.26*	7.27*	9.00*	10.2*
Tractors.....	Thousand units..	5.2*	5.9*	7.3*	4.9*	5.4*	8.1*	9.0*
Cement.....	Million mt.....	1.97*	2.22*	2.40*	2.34*	2.52*	2.84*	3.04*
Transportation and trade								
Railroad freight traffic ^e	Billion tkm.....	13.0*	14.0*	15.2*	14.9*	15.0*	17.3*	18.3*
Imports (c.i.f.).....	Billion US \$.....	0.68*	0.69*	0.83*	0.91*	0.89*	1.06*	1.32*
Exports (f.o.b.).....	Billion US \$.....	0.44*	0.48*	0.57*	0.57*	0.69*	0.79*	0.89*

* An asterisk indicates that the data are unclassified.

† Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kwh; metric tons of coal equivalents, mt/ce; cubic meters, cu m; and metric ton-kilometers, tkm.

^a Including the armed forces.

^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

^c Carcass weight, bone-in basis.

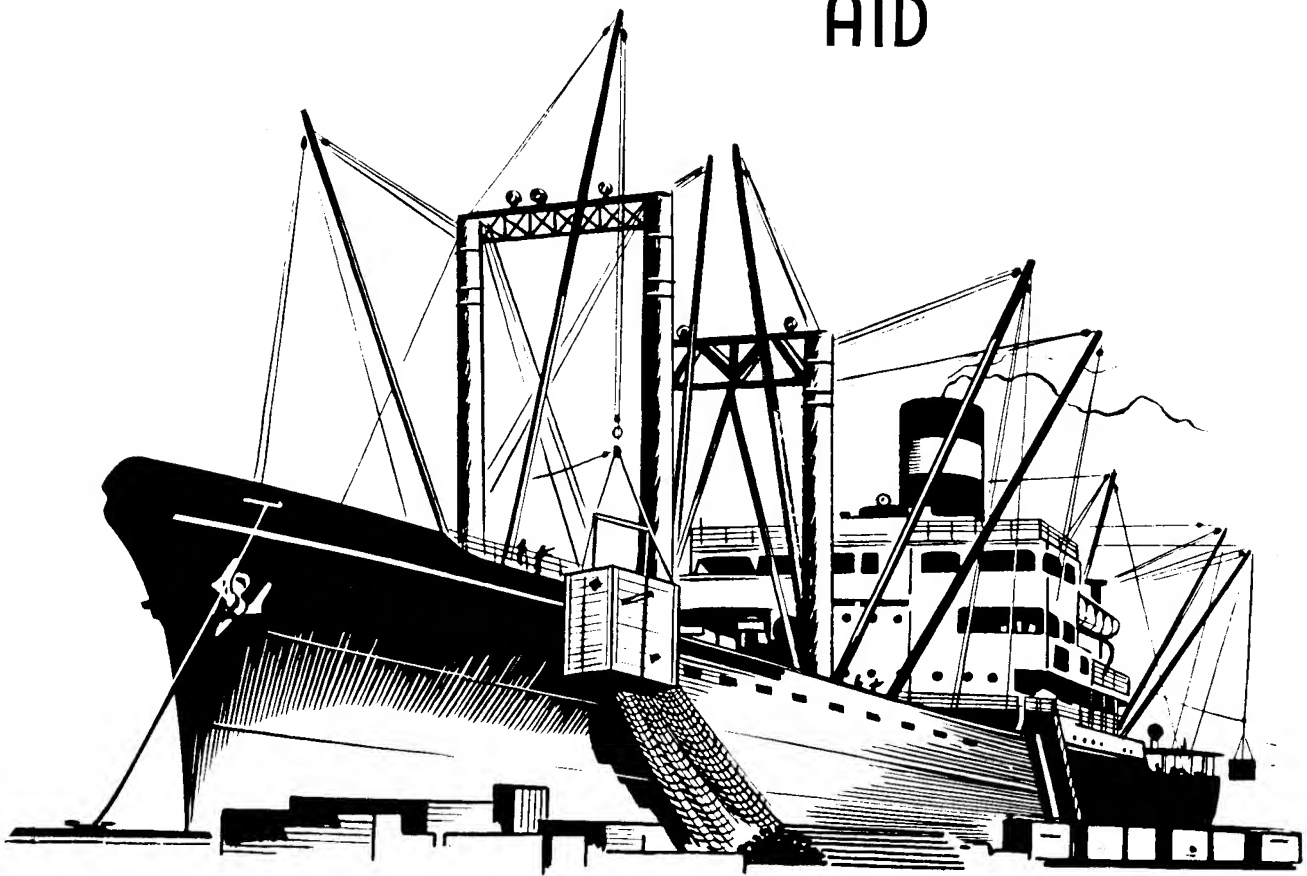
^d Including yarn of synthetic fibers.

^e Including service traffic.

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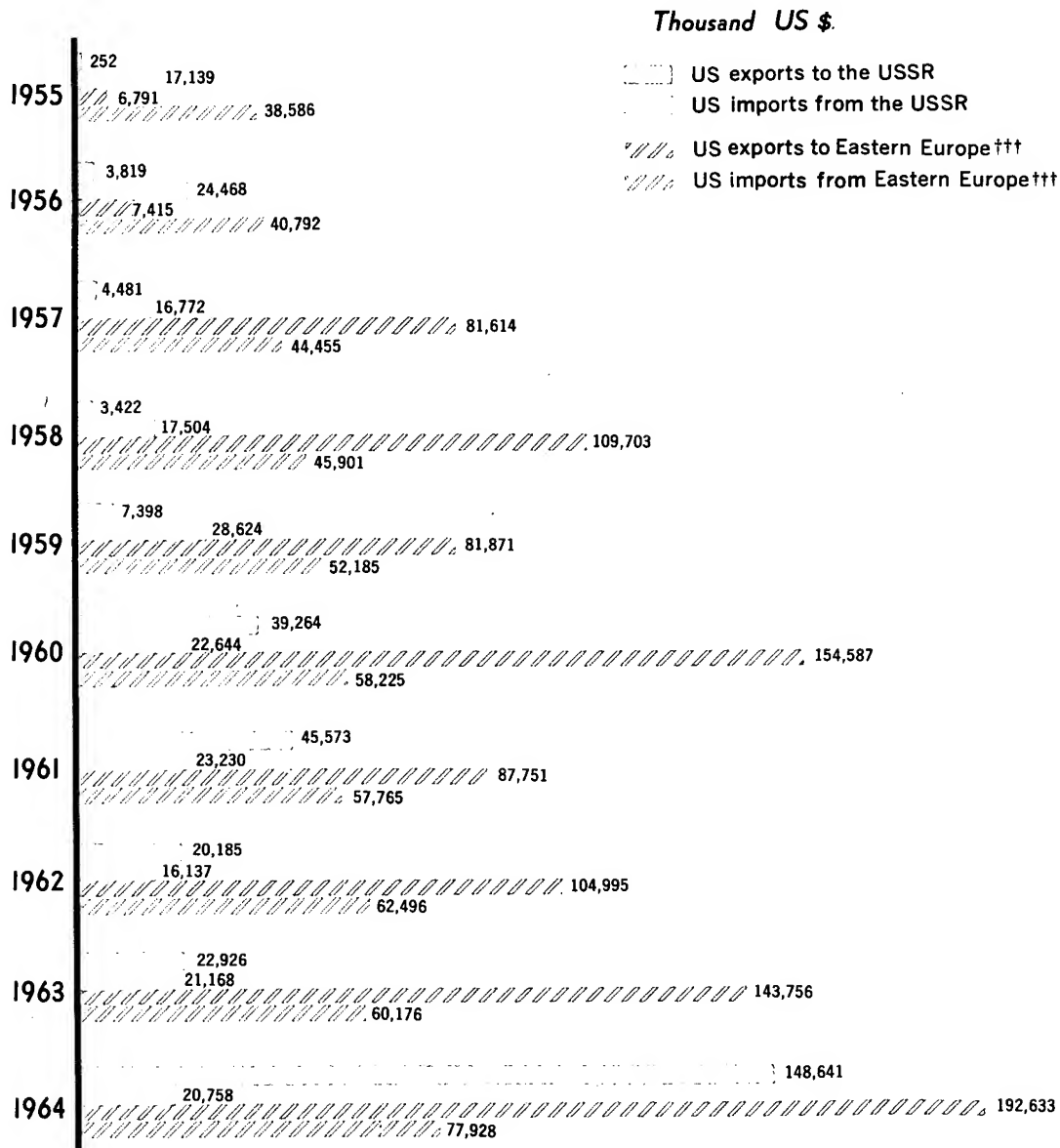


SECRET TRADE OF THE US WITH THE USSR AND EASTERN EUROPE

TABLE 45

1955-64

	THOUSAND US \$									
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
US EXPORTS TO:†	7,043	11,234	86,095	113,125	89,269	193,851	133,324	125,180	186,682	341,274
USSR ††	252	3,819	4,481	3,422	7,398	39,264	45,573	20,185	22,926	148,641
EASTERN EUROPE †††	6,791	7,415	81,614	109,703	81,871	154,587	87,751	104,995	143,756	192,633
US IMPORTS FROM:†	55,725	65,260	61,227	63,405	80,809	80,869	80,955	78,633	81,344	98,686
USSR ††	17,139	24,468	16,772	17,504	28,624	22,644	23,230	16,137	21,168	20,758
EASTERN EUROPE †††	38,586	40,792	44,455	45,901	52,185	58,225	57,765	62,496	60,176	77,928



† Exports include reexports and are valued f.a.s. Imports are general imports and are valued f.o.b. port of export.

†† Including Estonia, Latvia, and Lithuania.

††† Including Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania, and excluding Albania.

SECRET

US COMMODITY TRADE WITH THE USSR

Table 46

Commodity Composition of the Trade of the US with the USSR *
1958-63

Thousand US \$

	1958	1959	1960	1961	1962	1963
Exports to the USSR						
Total exports ^b	3,422*	7,398*	39,255*	45,570*	20,105*	22,914*
Food and live animals	0*	20*	60*	31*	131*	1,075*
Beverages and tobacco	0*	0*	0*	0*	44*	0*
Inedible crude materials except fuels	261*	416*	4,022*	5,971*	9,679*	7,309*
Cattle hides	261*	105*	2,622*	2,904*	6,789*	5,916*
Synthetic rubber	0*	0*	0*	1,463*	1,459*	4*
Manmade fiber, stable and tow	0*	311*	1,400*	1,603*	1,431*	547*
Mineral fuels, lubricants, and related materials	0*	0*	0*	0*	0*	1,961*
Animal and vegetable oils and fats	0*	0*	0*	15,122*	4,011*	2,066*
Tallow	0*	0*	0*	15,122*	4,011*	2,066*
Chemicals	724*	152*	3,099*	2,835*	832*	8,121*
Basic manufactures	1,556*	2,184*	12,310*	4,228*	605*	730*
Yarn and thread of artificial fibers	0*	0*	1,322*	2,898*	422*	385*
Steel sheets, black, cold-rolled, ungalvanized	1,556*	2,144*	10,618*	1,086*	0*	0*
Machinery and transport equipment	664*	4,497*	19,254*	16,757*	3,946*	1,115*
Miscellaneous manufactures	54*	33*	258*	578*	804*	419*
Commodities and transactions not classified according to kind	163*	96*	252*	48*	53*	118*
Imports from the USSR						
Total imports ^b	17,308*	27,391*	22,779*	22,787*	16,321*	20,222*
Food and live animals	130*	220*	221*	206*	182*	199*
Sturgeon and other fish roe	130*	220*	208*	177*	136*	144*
Inedible crude materials except fuels	7,621*	10,432*	8,008*	8,821*	9,872*	11,954*
Furs	6,288*	6,579*	5,967*	6,762*	7,462*	6,770*
Chrome ore	0*	2,196*	160*	502*	916*	3,658*
Chemicals	6,605*	11,537*	8,175*	6,180*	572*	255*
Benzene	5,856*	10,750*	7,819*	3,671*	0*	0*
Naphthalene	533*	388*	0*	2,018*	409*	0*
Basic manufactures ^c	2,635*	4,790*	5,738*	6,804*	5,009*	8,129*
Platinum ^c	1,762*	3,338*	2,760*	1,882*	1,045*	2,454*
Palladium ^c	873*	1,254*	1,473*	4,238*	1,945*	3,954*
Rhodium ^c	0*	0*	1,292*	131*	1,101*	1,647*
Miscellaneous manufactures	113*	179*	317*	462*	382*	486*
Commodities and transactions not classified according to kind	203*	220*	320*	314*	304*	199*

* An asterisk indicates that the data are unclassified.

^a Exports are domestic exports only, excluding reexports, and are valued f.a.s. Imports are imports for consumption only and are valued f.o.b., port of export. Data include exports to and imports from Estonia, Latvia, and Lithuania, which are treated separately in Department of Commerce data.

^b The minor differences between the totals shown on this table and those shown on Table 45 (tabular graphic) p. 58, are due to differences in definition.

^c Data may include unrefined metal.

SECRET

59

TRADE TURNOVER OF COMMUNIST COUNTRIES

SECRET

Table 47

Trade Turnover of the Communist Countries ^a
1958-64 and 1965 Plan

	Million US \$								Average Annual Rate of Growth ^c (Percent) 1959-64
	1958	1959	1960	1961	1962	1963	1964	1965 Plan ^b	
COMMUNIST COUNTRIES									
Soviet Bloc									
USSR.....	8,647*	10,514*	11,190*	11,826*	13,486*	14,331*	15,420*	16,000*	10.1*
Eastern Europe									
Bulgaria.....	740	1,046	1,204*	1,328*	1,557*	1,767*	2,027*	2,270*	18.3
Czechoslovakia.....	2,871*	3,330*	3,745*	4,070*	4,264*	4,622*	5,005*	5,500*	9.7*
East Germany.....	3,570*	4,114*	4,360*	4,478*	4,734*	4,988*	5,524* ^d	5,800*	7.5*
Hungary.....	1,314*	1,562*	1,850*	2,054*	2,248*	2,511*	2,847*	3,040*	13.8*
Poland.....	2,286*	2,565*	2,820*	3,190*	3,532*	3,749*	4,169*	4,346*	10.5*
Rumania.....	950*	1,025*	1,365*	1,608*	1,759*	1,937*	2,170*		14.8*
Far East									
Communist China ^d ..	3,740	4,285	3,980	3,005	2,665*	2,735*	3,255		-2.3
North Korea.....	257*	347*	321*	372*	402*	415*	N.A.		10.1* ^f
North Vietnam.....	114	172	208	224	239	253	267	305*	15.2
Other									
Albania.....	108	119	130*	121*	106*	119*	136* ^d		3.9
Cuba.....	"	"	1,168*	1,327*	1,268*	1,376*	1,650* ^d		"
Yugoslavia.....	1,126*	1,164*	1,393*	1,479*	1,578*	1,847*	2,214*	2,350*	11.9*

* An asterisk indicates that the data are unclassified.

^a Official statistics of the countries listed, except where data are estimated. Exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.^b Data may be estimated.^c The base year is 1958.^d Estimated data.^e Rounded to the nearest US \$5 million.^f Rate of growth for 1959-63.^g Not applicable. Cuba was not a Communist country before 1960.

Table 48

Trade Among the Communist Countries *
1958-64

Million US \$

	Exports by Designated Country							Imports by Designated Country						
	1958 ^b	1959 ^b	1960	1961	1962	1963	1964	1958 ^b	1959 ^b	1960	1961	1962	1963	1964
COMMUNIST COUNTRIES														
Soviet Bloc														
USSR.....	3,136*	4,124*	4,208*	4,321*	4,905*	5,099*	5,404*	3,242*	3,790*	3,978*	4,147*	4,566*	4,986*	5,349*
Eastern Europe														
Bulgaria.....	323	405	480*	566*	637*	685*	782*	313	457	531*	565*	650*	769*	799*
Czechoslovakia...	1,065*	1,248*	1,395*	1,443*	1,631*	1,859*	1,902*	957*	1,154*	1,294*	1,395*	1,533*	1,589*	1,763*
East Germany...	1,450*	1,639*	1,660*	1,717*	1,856*	2,125*	N.A.	1,191*	1,492*	1,608*	1,690*	1,885*	1,794*	N.A.
Hungary.....	492*	540*	624*	767*	811*	855* ^c	963* ^c	450*	570*	687*	712*	821*	895* ^c	997* ^c
Poland.....	620*	682*	830*	939*	1,034*	1,123*	1,351*	714*	923*	950*	1,054*	1,246*	1,326*	1,306*
Rumania.....	357*	414*	523*	556*	560*	640*	N.A.	382*	404*	474*	548*	634*	694*	N.A.
Far East														
Communist														
China ^d	1,260	1,610	1,330	955	915	810	800	1,095	1,370	1,280	710	490	425	395
North Korea ^e	N.A.	113*	147*	151*	171*	N.A.	N.A.	N.A.	227*	162*	200*	218*	N.A.	N.A.
North Vietnam...	41	54	70	66 ^e	72	77	N.A.	54	91	118	132 ^e	128	134	N.A.
Other														
Albania.....	29	33	48*	48*	38*	45*	N.A.	77	82	77*	67*	62*	66*	N.A.
Cuba.....	^f	^f	151*	459*	402*	335*	400* ^e	^f	^f	120*	493*	640*	703*	660* ^e
Yugoslavia.....	128*	150*	184*	181*	168*	214*	312*	196*	173*	212*	171*	194*	241*	386*

* An asterisk indicates that the data are unclassified.

* Official statistics of the countries listed, except where data are estimated. Exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.

^b Excluding trade of the Communist countries with Cuba.^c Estimated data.^d Rounded to the nearest US \$5 million.^e Based on data of trading partner countries.^f Not applicable. Cuba was not a Communist country before 1960.

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TRADE AMONG THE COMMUNIST COUNTRIES

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Table 49

Trade of the Communist Countries with the Free World ^a
1958-64

Million US \$

	Exports to the Free World							Imports from the Free World						
	1958 ^b	1959 ^b	1960	1961	1962	1963	1964	1958 ^b	1959 ^b	1960	1961	1962	1963	1964
COMMUNIST COUNTRIES														
Soviet Bloc														
USSR.....	1,161*	1,317*	1,354*	1,677*	2,125*	2,173*	2,278*	1,108*	1,284*	1,650*	1,681*	1,890*	2,072*	2,389*
Eastern Europe														
Bulgaria.....	51	62	91*	97*	136*	149*	187*	54	122	102*	101*	134*	164*	259*
Czechoslovakia....	448*	479*	535*	604*	563*	603*	674*	400*	448*	522*	628*	538*	572*	666*
East Germany.....	439*	483*	530*	545*	505*	567*	N.A.	489*	500*	561*	526*	488*	502*	N.A.
Hungary.....	192*	229*	249*	262*	289*	351* ^c	389* ^c	180*	223*	288*	313*	328*	410* ^c	498* ^c
Poland.....	439*	463*	495*	564*	612*	647*	746*	512*	497*	546*	632*	639*	653*	766*
Rumania.....	112*	109*	194*	236*	258*	276*	N.A.	100*	98*	174*	267*	307*	328*	N.A.
Far East ^d														
Communist China ^e	660	615	625	560	600	735	1,000	725	695	745	775	660	765	1,055
North Vietnam....	10	13	10	14 ^f	19	20	N.A.	10	14	10	12 ^f	19	22	N.A.
Other														
Albania.....	1	1	1	1	3*	3*	N.A.	2	3	4*	5*	3*	5*	N.A.
Cuba.....	^g	^g	467*	166*	119*	210*	275* ^c	^g	^g	430*	209*	107* ^h	128* ⁱ	315* ^c
Yugoslavia.....	313*	327*	382*	388*	523*	576*	580*	489*	515*	614*	739*	694*	815*	936*

^a An asterisk indicates that the data are unclassified.^b Official statistics of the countries listed, except where data are estimated. Exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.^c Including trade of the Communist countries with Cuba.^d Estimated data.^e Some trade also is carried on between North Korea and the Free World. Total trade of North Korea with the Free World in 1963 amounted to about US \$20 million. The breakdown of total trade into exports and imports is not available.^f Rounded to the nearest US \$5 million.^g Based on data of trading partner countries.^h Not applicable. Cuba was not a Communist country before 1960.ⁱ Excluding US ransom payment of US \$13 million.^j Excluding US ransom payment of US \$50 million.

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Tabular Graphic

WORLD EXPORTS[†] BY SELECTED COUNTRY AND REGION 1955-64

TABLE 50

	BILLION US \$									
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
WORLD	93.9	104.0	112.1	108.2	115.9	128.2	134.1	141.5	154.0	172.2
FREE WORLD	84.1	93.3	100.1	95.4	100.7	111.5	116.7	122.5	133.6	149.7
US	15.4	19.0	20.7	17.7	17.5	20.4	20.8	21.4	23.1	26.2
WESTERN EUROPE	34.8	38.0	41.7	41.4	44.5	50.7	54.3	57.3	62.5	69.8
JAPAN	2.0	2.5	2.9	2.9	3.5	4.1	4.2	4.9	5.4	6.7
COMMUNIST COUNTRIES	9.8	10.7	12.0	12.9	15.2	16.7	17.4	19.0	20.5	22.5
USSR	3.4	3.6	4.4	4.3	5.4	5.6	6.0	7.0	7.3	7.7
EASTERN EUROPE ^{††}	4.6	5.0	5.4	6.0	6.8	7.6	8.3	8.9	9.9	10.9
COMMUNIST CHINA	1.4	1.6	1.6	1.9	2.2	2.0	1.5	1.5	1.5	1.8

Billion US \$

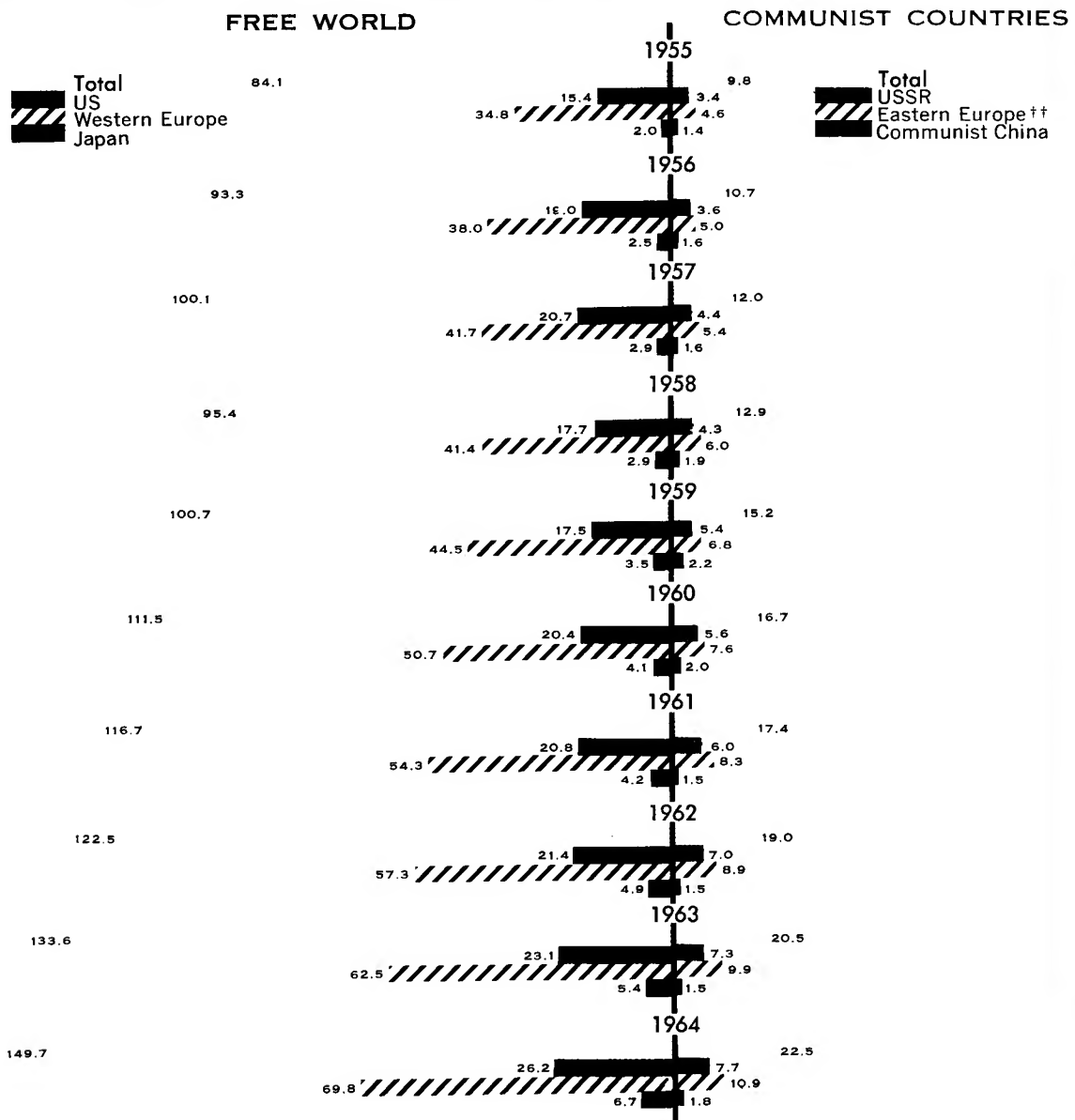
[†]F.O.B. Data include exports and, where possible, foreign aid.^{††}Including only Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania.**SECRET**
GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Table 51

Direction of International Trade of the USSR^a
1955-63

Million US \$

Year		Total Foreign Trade	Communist Countries					Free World			
			Total	Eastern Europe	Communist China	Other Asian	Other ^b	Total	Industrial West	Less Developed Countries	Unspecified
1955...	Exports.....	3,426.6*	2,722.9*	1,792.1*	748.3*	166.1*	16.4*	703.7*	543.8*	112.4*	47.6*
	Imports.....	3,060.5*	2,418.4*	1,662.8*	643.6*	94.6*	17.5*	642.1*	430.7*	210.4*	1.1*
1956...	Exports.....	3,615.0*	2,729.4*	1,767.8*	733.0*	159.6*	69.1*	885.5*	597.1*	179.6*	108.8*
	Imports.....	3,612.6*	2,735.8*	1,815.1*	764.2*	106.8*	49.7*	876.9*	578.8*	297.3*	0.8*
1957...	Exports.....	4,381.4*	3,304.4*	2,549.9*	544.1*	137.3*	73.1*	1,077.0*	690.4*	282.5*	104.1*
	Imports.....	3,937.9*	2,825.7*	1,914.8*	738.1*	115.9*	56.9*	1,112.2*	672.5*	435.4*	4.3*
1958...	Exports.....	4,297.5*	3,136.2*	2,320.1*	634.0*	131.0*	51.1*	1,161.3*	669.6*	389.4*	102.3*
	Imports.....	4,349.5*	3,242.0*	2,205.7*	881.2*	104.2*	50.9*	1,107.5*	622.3*	482.1*	3.2*
1959...	Exports.....	5,440.7*	4,124.0*	2,950.5*	954.5*	172.7*	46.2*	1,316.8*	855.5*	343.4*	117.9*
	Imports.....	5,073.2*	3,789.5*	2,519.4*	1,100.3*	116.7*	53.1*	1,283.7*	756.5*	522.2*	5.0*
1960...	Exports.....	5,561.6*	4,207.5*	3,117.7*	817.1*	63.9*	208.8*	1,354.1*	972.6*	345.8*	35.8*
	Imports.....	5,628.9*	3,978.5*	2,819.4*	848.1*	97.8*	213.2*	1,650.4*	1,069.4*	574.9*	6.0*
1961...	Exports.....	5,998.2*	4,321.1*	3,399.7*	367.3*	118.3*	435.7*	1,677.1*	1,060.0*	507.4*	109.7*
	Imports.....	5,827.6*	4,146.7*	3,044.1*	551.4*	104.8*	446.4*	1,680.9*	1,087.5*	584.1*	9.3*
1962...	Exports.....	7,030.5*	4,905.2*	3,971.1*	233.4*	135.3*	565.3*	2,125.3*	1,106.6*	568.5*	450.3*
	Imports.....	6,455.4*	4,565.5*	3,590.3*	516.3*	118.4*	340.4*	1,889.9*	1,271.0*	615.2*	3.6*
1963...	Exports.....	7,272.4*	5,099.4*	4,163.3*	187.2*	138.8*	610.1*	2,173.0*	1,208.3*	760.4*	204.3*
	Imports.....	7,058.5*	4,986.3*	4,146.8*	413.0*	123.4*	303.0*	2,072.2*	1,388.6*	674.8*	8.7*

^a An asterisk indicates that the data are unclassified.^a Official Soviet statistics. Exports and imports are f.o.b.^b Other Communist countries include Yugoslavia in 1955-63, Mongolia in 1960-63, Albania in 1961-63, and Cuba in 1960-63. Mongolia is included in other Asian Communist countries before 1960, Albania is included in the Eastern European Communist countries before 1961, and Cuba is included in the less developed countries of the Free World before 1960.

Table 52

Commodity Exports from the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	4,297.5*	100.0*	5,440.7*	100.0*	5,561.6*	100.0*	5,998.2*	100.0*	7,030.5*	100.0*	7,272.4*	100.0*
Machinery and equipment..	794.8*	18.5*	1,168.1*	21.5*	1,141.2*	20.5*	964.6*	16.1*	1,168.5*	16.6*	1,435.1*	19.7*
Complete plants.....	339.9*	7.9*	569.1*	10.5*	568.5*	10.2*	355.8*	5.9*	411.5*	5.9*	554.9*	7.6*
Fuels, lubricants, and related materials.....	651.2*	15.2*	797.8*	14.7*	901.8*	16.2*	1,044.8*	17.4*	1,152.5*	16.4*	1,289.3*	17.7*
Coal and coke.....	219.8*	5.1*	229.1*	4.2*	242.1*	4.4*	284.9*	4.7*	346.4*	4.9*	376.6*	5.2*
Petroleum and petroleum products.....	429.9*	10.0*	567.0*	10.4*	657.9*	11.8*	757.8*	12.6*	803.7*	11.4*	910.4*	12.5*
Ores and concentrates.....	190.0*	4.4*	215.8*	4.0*	242.9*	4.4*	252.6*	4.2*	273.6*	3.9*	291.4*	4.0*
Iron ore.....	137.4*	3.2*	154.3*	2.8*	175.0*	3.1*	187.8*	3.1*	215.7*	3.1*	235.9*	3.2*
Base metals and manufactures.....	692.9*	16.1*	743.8*	13.7*	837.7*	15.1*	923.2*	15.4*	1,010.3*	14.4*	1,012.8*	13.9*
Ferrous metals.....	495.3*	11.5*	547.9*	10.1*	642.7*	11.6*	712.1*	11.9*	792.8*	11.3*	794.1*	10.9*
Rolled ferrous metals..	329.9*	7.7*	366.2*	6.7*	428.8*	7.7*	478.2*	8.0*	540.3*	7.7*	551.2*	7.6*
Nonferrous metals.....	197.6*	4.6*	195.9*	3.6*	194.9*	3.5*	211.1*	3.5*	217.5*	3.1*	218.7*	3.0*
Aluminum.....	63.7*	1.5*	49.6*	0.9*	44.7*	0.8*	58.2*	1.0*	77.6*	1.1*	79.5*	1.1*
Tin.....	44.5*	1.0*	38.4*	0.7*	24.6*	0.4*	12.2*	0.2*	1.1*	Negl.*	1.7*	Negl.*
Chemicals.....	113.8*	2.6*	122.3*	2.2*	145.7*	2.6*	173.9*	2.9*	176.8*	2.5*	192.6*	2.6*
Wood and wood products..	240.9*	5.6*	259.9*	4.8*	305.1*	5.5*	361.7*	6.0*	420.4*	6.0*	414.2*	5.7*
Lumber.....	136.9*	3.2*	150.2*	2.8*	182.8*	3.3*	206.5*	3.4*	221.3*	3.1*	234.9*	3.2*
Textile raw materials and semimanufactures.....	293.8*	6.8*	308.0*	5.7*	358.6*	6.4*	364.9*	6.1*	341.5*	4.9*	337.7*	4.6*
Cotton fiber.....	238.6*	5.6*	248.1*	4.6*	288.7*	5.2*	283.8*	4.7*	259.6*	3.7*	243.5*	3.3*
Consumer goods.....	705.6*	16.4*	998.5*	18.4*	898.9*	16.2*	1,010.5*	16.8*	1,132.1*	16.1*	1,154.5*	15.9*
Food.....	510.6*	11.9*	797.7*	14.7*	693.4*	12.5*	796.5*	13.3*	912.1*	13.0*	906.3*	12.5*
Grain.....	358.8*	8.3*	487.2*	9.0*	467.8*	8.4*	473.8*	7.9*	529.4*	7.5*	422.2*	5.8*
Other consumer goods...	194.9*	4.5*	200.8*	3.7*	205.6*	3.7*	214.0*	3.6*	220.0*	3.1*	248.1*	3.4*
Other merchandise.....	149.2*	3.5*	192.7*	3.5*	214.2*	3.9*	229.6*	3.8*	229.7*	3.3*	227.1*	3.1*
Unspecified.....	465.5*	10.8*	633.7*	11.6*	515.6*	9.3*	672.4*	11.2*	1,125.1*	16.0*	917.7*	12.6*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Exports are f.o.b.

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SOVIET EXPORTS

Table 53

Commodity Imports by the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	4,349.5*	100.0*	5,073.2*	100.0*	5,628.9*	100.0*	5,827.6*	100.0*	6,455.4*	100.0*	7,058.5*	100.0*
Machinery and equipment.....	1,064.6*	24.5*	1,351.9*	26.6*	1,675.2*	29.8*	1,734.5*	29.8*	2,245.0*	34.8*	2,466.0*	34.9*
Transportation equipment.....	427.2*	9.8*	542.4*	10.7*	660.1*	11.7*	534.3*	9.2*	748.2*	11.6*	847.2*	12.0*
Fuels, lubricants, and related materials.....	212.2*	4.9*	231.3*	4.6*	237.3*	4.2*	217.0*	3.7*	198.7*	3.1*	201.9*	2.9*
Coal and coke.....	77.0*	1.8*	85.7*	1.7*	93.5*	1.7*	93.6*	1.6*	95.3*	1.5*	97.3*	1.4*
Petroleum and petroleum products.....	135.2*	3.1*	145.6*	2.9*	143.7*	2.6*	123.4*	2.1*	103.5*	1.6*	104.6*	1.5*
Ores and concentrates....	403.5*	9.3*	331.0*	6.5*	314.0*	5.6*	291.4*	5.0*	297.8*	4.6*	292.1*	4.1*
Base metals and manufactures.....	316.5*	7.3*	435.0*	8.6*	545.9*	9.7*	494.2*	8.5*	563.4*	8.7*	464.9*	6.6*
Ferrous metals.....	183.4*	4.2*	265.2*	5.2*	373.9*	6.6*	348.4*	6.0*	427.0*	6.6*	339.9*	4.8*
Rolled ferrous metals.....	127.8*	2.9*	122.0*	2.4*	178.8*	3.2*	160.4*	2.8*	192.7*	3.0*	169.5*	2.4*
Nonferrous metals.....	133.1*	3.1*	169.9*	3.3*	172.0*	3.1*	145.9*	2.5*	136.4*	2.1*	125.0*	1.8*
Tin.....	39.5*	0.9*	41.8*	0.8*	34.8*	0.6*	22.5*	0.4*	20.5*	0.3*	17.2*	0.2*
Copper.....	54.5*	1.3*	74.3*	1.5*	71.9*	1.3*	53.0*	0.9*	68.7*	1.1*	56.7*	0.8*
Chemicals.....	99.8*	2.3*	110.3*	2.2*	149.3*	2.7*	153.5*	2.6*	212.0*	3.3*	285.2*	4.0*
Rubber and rubber products.....	182.2*	4.2*	195.5*	3.9*	196.2*	3.5*	273.5*	4.7*	251.4*	3.9*	212.5*	3.0*
Wood and wood products.....	104.8*	2.4*	94.0*	1.9*	104.8*	1.9*	124.3*	2.1*	118.5*	1.8*	118.9*	1.7*
Textile raw materials and semimanufactures....	309.3*	7.1*	329.7*	6.5*	364.5*	6.5*	303.4*	5.2*	282.8*	4.4*	338.8*	4.8*
Cotton fiber.....	135.2*	3.1*	163.9*	3.2*	179.9*	3.2*	130.1*	2.2*	118.6*	1.8*	170.0*	2.4*
Wool fiber.....	107.7*	2.5*	100.8*	2.0*	118.0*	2.1*	103.8*	1.8*	93.4*	1.4*	88.8*	1.3*
Consumer goods.....	1,187.0*	27.3*	1,465.8*	28.9*	1,572.2*	27.9*	1,777.7*	30.5*	1,826.7*	28.3*	2,110.7*	29.9*
Food.....	562.7*	12.9*	548.3*	10.8*	611.8*	10.9*	783.5*	13.4*	712.8*	11.0*	870.8*	12.3*
Other consumer goods..	624.3*	14.4*	917.5*	18.1*	960.4*	17.1*	994.2*	17.1*	1,113.9*	17.3*	1,239.9*	17.6*
Other merchandise.....	380.4*	8.7*	433.4*	8.5*	375.9*	6.7*	339.3*	5.8*	354.5*	5.5*	409.2*	5.8*
Unspecified.....	89.3*	2.1*	95.2*	1.9*	93.7*	1.7*	118.7*	2.0*	104.4*	1.6*	158.2*	2.2*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Imports are f.o.b.

SOVIET IMPORTS

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Table 54

Commodity Exports to Eastern Europe from the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	2,320.1*	100.0*	2,950.5*	100.0*	3,117.7*	100.0*	3,399.7*	100.0*	3,971.1*	100.0*	4,163.3*	100.0*
Machinery and equipment	248.4*	10.7*	368.5*	12.5*	414.0*	13.3*	450.0*	13.2*	606.6*	15.3*	734.9*	17.7*
Complete plants.....	51.5*	2.2*	87.5*	3.0	108.6*	3.5*	108.0*	3.2*	141.9*	3.6*	184.2*	4.4*
Fuels, lubricants, and related materials.....	301.8*	13.0*	351.3*	11.9*	413.7*	13.2*	485.8*	14.3*	583.4*	14.7*	655.2*	15.7*
Coal and coke.....	153.9*	6.6*	162.5*	5.5*	171.1*	5.5*	204.0*	6.0*	252.5*	6.4*	265.1*	6.4*
Petroleum and petroleum products.....	146.3*	6.3*	187.1*	6.3*	240.7*	7.7*	279.5*	8.2*	328.4	8.3*	387.7*	9.3*
Ores and concentrates....	163.9*	7.1*	187.0*	6.3*	206.6*	6.6*	218.4*	6.4*	245.8*	6.2*	264.4*	6.4*
Iron ore.....	135.2*	5.8*	151.3*	5.1*	170.8*	5.5*	184.1*	5.4*	211.0*	5.3*	230.4*	5.5*
Base metals and manufactures.....	455.2*	19.6*	520.5*	17.6*	584.1*	18.7*	652.2*	19.2*	727.1*	18.3	754.1*	18.1*
Ferrous metals.....	345.8*	14.9*	392.3*	13.3*	451.7*	14.5*	506.2*	14.9*	574.2*	14.5*	598.0*	14.4*
Rolled ferrous metals.	239.7*	10.3*	280.8*	9.5*	328.2*	10.5*	373.5*	11.0*	422.3*	10.6*	447.8*	10.8*
Nonferrous metals.....	109.4*	4.7*	128.2*	4.3*	132.4*	4.2*	146.0*	4.3*	152.8*	3.8*	156.1*	3.7*
Aluminum.....	28.9*	1.2*	30.0*	1.0*	30.6*	1.0*	42.5*	1.3*	49.7*	1.3*	51.3*	1.2*
Tin.....	8.1*	0.3*	8.8*	0.3*	6.3*	0.2*	7.8*	0.2*	0.6*	Negl.*	N.A.	N.A.
Chemicals.....	52.8*	2.3*	58.3*	2.0*	65.4*	2.1*	75.0*	2.2*	83.3*	2.1*	91.9*	2.2*
Wood and wood products.	82.9*	3.6*	87.7*	3.0*	98.7*	3.2*	118.0*	3.5*	148.3*	3.7*	139.3*	3.3*
Lumber.....	46.7*	2.0*	49.6*	1.7*	58.6*	1.9*	68.8*	2.0*	82.2*	2.1*	83.0*	2.0*
Textile raw materials and semimanufactures....	243.9*	10.5*	241.8*	8.2*	283.2*	9.1*	293.0*	8.6*	273.3*	6.9*	273.6*	6.6*
Cotton fiber.....	208.3*	9.0*	204.1*	6.9*	234.0*	7.5*	231.0*	6.8*	215.2*	5.4*	200.6*	4.8*
Consumer goods.....	425.1*	18.3*	658.6*	22.3*	573.2*	18.4*	509.0*	15.0*	638.9*	16.1*	584.7*	14.0*
Food.....	349.2*	15.1*	583.3*	19.8*	497.7*	16.0*	426.9*	12.6*	547.4*	13.8*	498.5*	12.0*
Grain.....	269.8*	11.6*	353.7*	12.0*	352.6*	11.3*	275.0*	8.1*	347.5*	8.8*	295.1*	7.1*
Other consumer goods..	75.9*	3.3*	75.3*	2.6*	75.6*	2.4*	82.0*	2.4*	91.5*	2.3*	86.1*	2.1*
Other merchandise.....	64.8*	2.8*	88.8*	3.0*	94.6*	3.0*	114.1*	3.4*	116.1*	2.9*	118.6*	2.8*
Unspecified.....	281.3*	12.1*	388.0*	13.2*	384.0*	12.3*	484.3*	14.2*	548.4*	13.8*	546.8*	13.1*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Exports are f.o.b.

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SOVIET EXPORTS TO EASTERN EUROPE

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Table 55

Commodity Imports from Eastern Europe by the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	2,205.7*	100.0*	2,519.4*	100.0*	2,819.4*	100.0*	3,044.1*	100.0*	3,590.3*	100.0*	4,146.8*	100.0*
Machinery and equipment.....	861.6*	39.1*	1,039.9*	41.3*	1,208.6*	42.9*	1,245.2*	40.9*	1,623.9*	45.2*	1,858.5*	44.8*
Transportation equipment.....	339.7*	15.4*	432.0*	17.1*	532.2*	18.9*	451.0*	14.8*	579.5*	16.1*	666.7*	16.1*
Fuels, lubricants, and related materials.....	190.1*	8.6*	209.0*	8.3*	215.7*	7.7*	192.0*	6.3*	182.6*	5.1*	182.0*	4.4*
Coal and coke.....	74.1*	3.4*	83.0*	3.3*	90.9*	3.2*	91.2*	3.0*	91.9*	2.6*	93.6*	2.3*
Petroleum and petroleum products.....	116.0*	5.3*	126.1*	5.0*	124.8*	4.4*	100.8*	3.3*	90.7*	2.5*	88.5*	2.1*
Ores and concentrates....	160.8*	7.3*	122.0*	4.8*	102.4*	3.6*	91.9*	3.0*	86.9*	2.4*	95.9*	2.3*
Base metals and manufactures.....	35.1*	1.6*	56.2*	2.2*	94.8*	3.4*	127.9*	4.2*	144.8*	4.0*	153.0*	3.7*
Ferrous metals.....	25.6*	1.2*	44.8*	1.8*	80.3*	2.8*	110.9*	3.6*	133.1*	3.7*	139.1*	3.4*
Rolled ferrous metals.....	10.1*	0.5*	9.6*	0.4*	21.8*	0.8*	35.2*	1.2*	43.3*	1.2*	50.0*	1.2*
Nonferrous metals.....	9.4*	0.4*	11.4*	0.5*	14.6*	0.5*	17.0*	0.6*	11.7*	0.3*	13.9*	0.3*
Copper.....	0.2*	Negl.*	0.2*	Negl.*	0.1*	Negl.*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Chemicals.....	49.6*	2.2*	63.3*	2.5*	72.8*	2.6*	95.4*	3.1*	133.0*	3.7*	170.3*	4.1*
Rubber and rubber products.....	19.6*	0.9*	19.6*	0.8*	21.9*	0.8*	24.2*	0.8*	23.0*	0.6*	24.9*	0.6*
Wood and wood products.....	35.9*	1.6*	39.0*	1.5*	45.2*	1.6*	48.8*	1.6*	48.4*	1.3*	44.5*	1.1*
Textile raw materials and semimanufactures.....	9.5*	0.4*	7.6*	0.3*	8.3*	0.3*	10.4*	0.3*	11.5*	0.3*	3.2*	0.1*
Consumer goods.....	445.0*	20.2*	545.9*	21.7*	667.3*	23.7*	799.7*	26.3*	902.1*	25.1*	1,084.8*	26.2*
Food.....	122.5*	5.6*	125.8*	5.0*	171.2*	6.1*	250.2*	8.2*	221.8*	6.2*	248.3*	6.0*
Other consumer goods..	322.5*	14.6*	420.0*	16.7*	496.0*	17.6*	549.4*	18.0*	680.3*	18.9*	836.4*	20.2*
Other merchandise.....	110.9*	5.0*	136.4*	5.4*	126.6*	4.5*	132.4*	4.3*	133.4*	3.7*	161.6*	3.9*
Unspecified.....	287.5*	13.0*	280.5*	11.1*	255.8*	9.1*	276.1*	9.1*	300.7*	8.4*	368.2*	8.9*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Imports are f.o.b.

Table 56

Commodity Exports to the Industrial West from the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	669.6*	100.0*	855.5*	100.0*	972.6*	100.0*	1,060.0*	100.0*	1,106.6*	100.0*	1,208.3*	100.0*
Fuels, lubricants, and related materials.....	143.7*	21.5*	207.7*	24.3*	245.8*	25.3*	279.1*	26.3*	320.9*	29.0*	382.4*	31.6*
Coal and coke.....	53.3*	8.0*	55.0*	6.4*	57.1*	5.9*	65.1*	6.1*	77.7*	7.0*	98.3*	8.1*
Petroleum and petroleum products.....	90.4*	13.5*	152.7*	17.8*	188.7*	19.4*	214.0*	20.2*	243.3*	22.0*	284.1*	23.5*
Ores and concentrates....	23.9*	3.6*	25.6*	3.0*	33.1*	3.4*	31.4*	3.0*	25.1*	2.3*	25.6*	2.1*
Manganese ore.....	16.2*	2.4*	14.6*	1.7*	14.9*	1.5*	13.3*	1.3*	9.1*	0.8*	7.7*	0.6*
Base metals and manufactures.....	95.3*	14.2*	95.4*	11.2*	111.3*	11.4*	119.9*	11.3*	120.1*	10.9*	115.4*	9.6*
Ferrous metals.....	33.1*	4.9*	46.9*	5.5*	70.9*	7.3*	80.9*	7.6*	84.8*	7.7*	83.5*	6.9*
Pig iron.....	12.4*	1.9*	23.7*	2.8*	34.7*	3.6*	40.6*	3.8*	46.0*	4.2*	41.5*	3.4*
Rolled ferrous metals.....	10.3*	1.5*	11.8*	1.4*	18.9*	1.9*	24.0*	2.3*	25.9*	2.3*	27.9*	2.3*
Nonferrous metals.....	62.3*	9.3*	48.5*	5.7*	40.3*	4.1*	39.0*	3.7*	35.3*	3.2*	31.9*	2.6*
Tin.....	32.2*	4.8*	23.7*	2.8*	13.1*	1.3*	1.8*	0.2*	N.A.	N.A.	N.A.	N.A.
Aluminum.....	20.8*	3.1*	15.2*	1.8*	7.3*	0.8*	7.2*	0.7*	15.6*	1.4*	14.8*	1.2*
Wood and wood products.....	122.9*	18.4*	129.5*	15.1*	157.5*	16.2*	177.3*	16.7*	201.3*	18.2*	209.0*	17.3*
Lumber.....	75.1*	11.2*	83.8*	9.8*	99.3*	10.2*	106.7*	10.1*	109.7*	9.9*	123.2*	10.2*
Textile raw materials and semimanufactures....	39.3*	5.9*	60.5*	7.1*	79.4*	7.2*	52.1*	4.9*	52.6*	4.8*	48.1*	4.0*
Cotton fiber.....	22.0*	3.3*	39.2*	4.6*	50.3*	5.2*	34.7*	3.3*	32.0*	2.9*	29.7*	2.5*
Consumer goods.....	122.6*	18.3*	170.6*	19.9*	168.2*	17.3*	206.6*	19.5*	188.4*	17.0*	215.8*	17.9*
Food.....	85.0*	12.7*	126.4*	14.8*	117.4*	12.1*	158.2*	14.9*	134.1*	12.1*	137.4*	11.4*
Grain.....	63.1*	9.4*	99.1*	11.6*	85.3*	8.8*	128.2*	12.1*	94.0*	8.5*	70.4*	5.8*
Other consumer goods..	37.5*	5.6*	44.3*	5.2*	50.8*	5.2*	48.4*	4.6*	54.3*	4.9*	78.4*	6.5*
Furs and pelts.....	34.1*	5.1*	39.9*	4.7*	44.3*	4.6*	41.4*	3.9*	46.2*	4.2*	66.8*	5.5*
Other merchandise.....	94.2*	14.1*	120.9*	14.1*	147.5*	15.2*	130.0*	12.3*	123.3*	11.1*	108.3*	9.0*
Unspecified.....	27.7*	4.1*	45.3*	5.3*	38.8*	4.0*	63.7*	6.0*	74.8*	6.8*	103.7*	8.6*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Exports are f.o.b.

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SOVIET EXPORTS TO THE INDUSTRIAL WEST

Table 57

Commodity Imports from the Industrial West by the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	622.3*	100.0*	756.5*	100.0*	1,069.4*	100.0*	1,087.5*	100.0*	1,271.0*	100.0*	1,388.6*	100.0*
Machinery and equip- ment.....	194.1*	31.2*	293.9*	38.8*	455.9*	42.6*	469.8*	43.2*	601.8*	47.3*	588.6*	42.4*
Chemical equipment....	19.5*	3.1*	77.8*	10.3*	135.4*	12.7*	131.9*	12.1*	88.4*	7.0*	124.1*	8.9*
Transportation equip- ment.....	76.3*	12.3*	91.6*	12.1*	121.1*	11.3*	68.1*	6.3*	150.1*	11.8*	163.0*	11.7*
Base metals and manu- factures.....	161.9*	26.0*	219.1*	29.0*	303.2*	28.4*	241.9*	22.2*	295.4*	23.2*	187.3*	13.5*
Ferrous metals.....	106.3*	17.1*	175.9*	23.3*	252.1*	23.6*	192.9*	17.7*	242.8*	19.1*	137.2*	9.9*
Rolled ferrous metals.	97.6*	15.7*	96.2*	12.7*	135.7*	12.7*	96.5*	8.9*	109.9*	8.6*	75.7*	5.5*
Pipes.....	1.1*	0.2*	68.9*	9.1*	101.9*	9.5*	80.7*	7.4*	119.6*	9.4*	48.9*	3.5*
Nonferrous metals.....	55.6*	8.9*	43.3*	5.7*	51.1*	4.8*	49.0*	4.5*	52.5*	4.1*	50.1*	3.6*
Copper.....	54.1*	8.7*	35.9*	4.7*	38.2*	3.6*	32.0*	2.9*	44.9*	3.5*	38.1*	2.7*
Wood and wood products.	63.4*	10.2*	49.2*	6.5*	52.2*	4.9*	70.1*	6.4*	64.8*	5.1*	66.7*	4.8*
Textile raw materials and semimanufactures....	50.8*	8.2*	43.3*	5.7*	79.5*	7.4*	83.8*	7.7*	77.8*	6.1*	88.5*	6.4*
Wool fiber.....	17.1*	2.7*	10.1*	1.3*	48.1*	4.5*	37.1*	3.4*	29.5*	2.3*	41.9*	3.0*
Synthetic fiber.....	18.9*	3.0*	20.1*	2.7*	12.9*	1.2*	28.7*	2.6*	30.7*	2.4*	32.0*	2.3*
Consumer goods.....	70.4*	11.3*	54.6*	7.2*	44.1*	4.1*	73.5*	6.8*	60.9*	4.8*	232.1*	16.7*
Other merchandise.....	71.4*	11.5*	87.7*	11.6*	118.0*	11.0*	126.5*	11.6*	151.2*	11.9*	176.7*	12.7*
Unspecified.....	10.3*	1.7*	8.7*	1.2*	16.7*	1.6*	22.0*	2.0*	19.1*	1.5*	48.8*	3.5*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Imports are f.o.b.

SOVIET IMPORTS FROM THE INDUSTRIAL WEST

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Table 58
Commodity Exports to the Less Developed Countries from the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	389.4*	100.0*	343.4*	100.0*	345.8*	100.0*	507.4*	100.0*	568.5*	100.0*	760.4*	100.0*
Machinery and equip- ment.....	160.5*	41.2*	113.0*	32.9*	125.7*	36.4*	236.1*	46.5*	286.0*	50.3*	360.7*	47.4*
Complete plants.....	112.3*	28.8*	69.3*	20.2*	68.6*	19.8*	138.8*	27.4*	182.5*	32.1*	220.3*	29.0*
Petroleum and petroleum products.....	78.2*	20.1*	80.2*	23.4*	61.3*	17.7*	67.4*	13.3*	62.8*	11.0*	81.4*	10.7*
Rolled ferrous metals.....	34.4*	8.8*	29.6*	8.6*	24.3*	7.0*	23.5*	4.6*	32.2*	5.7*	23.4*	3.1*
Wood and wood products.....	30.5*	7.8*	30.5*	8.9*	38.8*	11.2*	38.1*	7.5*	34.4*	6.1*	36.8*	4.8*
Food.....	45.6*	11.7*	45.2*	13.2*	39.3*	11.4*	47.6*	9.4*	69.1*	12.2*	97.5*	12.8*
Other merchandise.....	36.7*	9.4*	40.3*	11.7*	50.2*	14.5*	56.5*	11.1*	65.5*	11.5*	62.6*	8.2*
Unspecified.....	3.4*	0.9*	4.6*	1.3*	6.2*	1.8*	38.2*	7.5*	18.5*	3.3*	98.0*	12.9*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Exports are f.o.b.

Table 59
Commodity Imports from the Less Developed Countries by the USSR *
1958-63

Value in Million US \$

	1958		1959		1960		1961		1962		1963	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	482.1*	100.0*	522.2*	100.0*	574.9*	100.0*	584.1*	100.0*	615.2*	100.0*	674.8*	100.0*
Cotton fibers.....	135.2*	28.0*	111.6*	21.4*	139.4*	24.2*	122.0*	20.9*	112.4*	18.3*	167.7*	24.9*
Natural rubber.....	131.4*	27.3*	144.0*	27.6*	151.8*	26.4*	224.8*	38.5*	205.9*	33.5*	163.3*	24.2*
Food.....	92.0*	19.1*	107.1*	20.5*	123.3*	21.4*	99.1*	17.0*	142.0*	23.1*	158.4*	23.5*
Nonferrous metals.....	N.A.	N.A.	37.3*	7.1*	33.3*	5.8*	19.9*	3.4*	22.9*	3.7*	18.2*	2.7*
Other merchandise.....	121.8*	25.3*	121.0*	23.2*	126.5*	22.0*	115.5*	19.8*	131.1*	21.3*	163.0*	24.2*
Unspecified.....	1.7*	0.4*	1.2*	0.2*	0.7*	0.1*	2.8*	0.5*	0.9*	0.1*	4.2*	0.6*

* An asterisk indicates that the data are unclassified.

* Official Soviet statistics. Imports are f.o.b.

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SOVIET EXPORTS TO DEVELOPING COUNTRIES
SOVIET IMPORTS FROM DEVELOPING COUNTRIES

SOVIET EXPORTS OF PETROLEUM

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Table 60

Exports of Petroleum from the USSR *
1958-64

	1958	1959	1960	1961	1962	1963	1964
Million Metric Tons							
Total petroleum.....	18.1*	25.4*	33.2*	41.2*	45.4*	51.4*	55.2
Free World.....	9.2*	14.1*	18.0*	22.8*	24.7*	28.4*	31.0
Communist Countries.....	9.0*	11.3*	15.2*	18.4*	20.7*	23.0*	24.2
Crude oil.....	9.1*	12.5*	17.8*	23.4*	26.3*	30.2*	36.1
Free World.....	3.9*	6.1*	9.0*	13.3*	13.6*	15.4*	18.4
Communist Countries.....	5.2*	6.4*	8.8*	10.1*	12.7*	14.8*	17.7
Petroleum products.....	9.0*	12.8*	15.4*	17.8*	19.1*	21.1*	19.1
Free World.....	5.3*	8.0*	9.0*	9.5*	11.1*	13.0*	12.6
Communist Countries.....	3.8*	4.8*	6.4*	8.3*	8.0*	8.2*	6.5
Million US \$							
Total petroleum.....	429.9*	567.0*	657.9*	757.8*	803.7*	910.4*	957.6
Free World.....	170.0*	236.5*	250.1*	281.7*	306.3*	365.7*	392.2
Communist Countries.....	259.9*	330.5*	407.8*	476.1*	497.4*	544.7*	565.4
Crude oil.....	169.8*	221.1*	275.7*	321.5*	364.5*	432.5*	518.0
Free World.....	58.0*	82.9*	101.5*	134.3*	135.2*	156.6*	182.5
Communist Countries.....	111.8*	138.2*	174.2*	187.2*	229.3*	275.9*	335.5
Petroleum products.....	260.1*	345.9*	382.2*	436.3*	439.2*	477.9*	439.6
Free World.....	112.0*	153.7*	148.6*	147.4*	171.1*	209.1*	209.7
Communist Countries.....	148.1*	192.2*	233.6*	288.9*	268.1*	268.8*	229.9

* An asterisk indicates that the data are unclassified.

* Data for exports of total petroleum, crude oil, and petroleum products and for exports to the Communist countries are official Soviet statistics. Data for the Free World are derived as residuals and include exports for which the importing country is not specified. Therefore, the values in this table will differ slightly from the sum of the data from Table 56, p. 69 and Table 58, p. 71. Cuba is included in the Free World in 1958-59 and in the Communist countries in 1960-64.

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SOVIET IMPORTS OF CHEMICAL EQUIPMENT

Table 61

Imports of Chemical Equipment from Major Sources by the USSR
1958-63

Thousand New Rubles *

	1958	1959	1960	1961	1962	1963
Total ^b	45,531*	103,784*	168,242*	173,746*	143,025*	201,023*
Eastern Europe.....	27,999*	33,723*	45,367*	53,225*	63,695*	89,248*
Of which:						
Czechoslovakia.....	10,821*	13,241*	22,825*	26,153*	29,908*	49,990*
East Germany.....	15,849*	17,959*	16,720*	16,126*	20,096*	21,219*
Industrial West.....	17,532*	70,056*	121,835*	118,730*	79,244*	111,732*
Of which:						
France.....	3,337*	6,494*	15,897*	16,564*	16,300*	11,945*
Italy.....	18*	6,012*	20,557*	25,307*	12,951*	26,059*
Japan.....	0*	962*	3,643*	7,619*	3,811*	16,434*
UK.....	5,657*	30,147*	35,263*	37,194*	15,958*	27,248*
West Germany.....	4,947*	20,008*	37,398*	18,693*	7,667*	17,138*

* An asterisk indicates that the data are unclassified.

* Rubles may be converted to US dollars on the basis of a nominal rate of exchange based on the gold content of the respective currencies of 0.90 ruble to US \$1.

^b The slight discrepancy between the total and the components is unaccounted for in official Soviet statistics.

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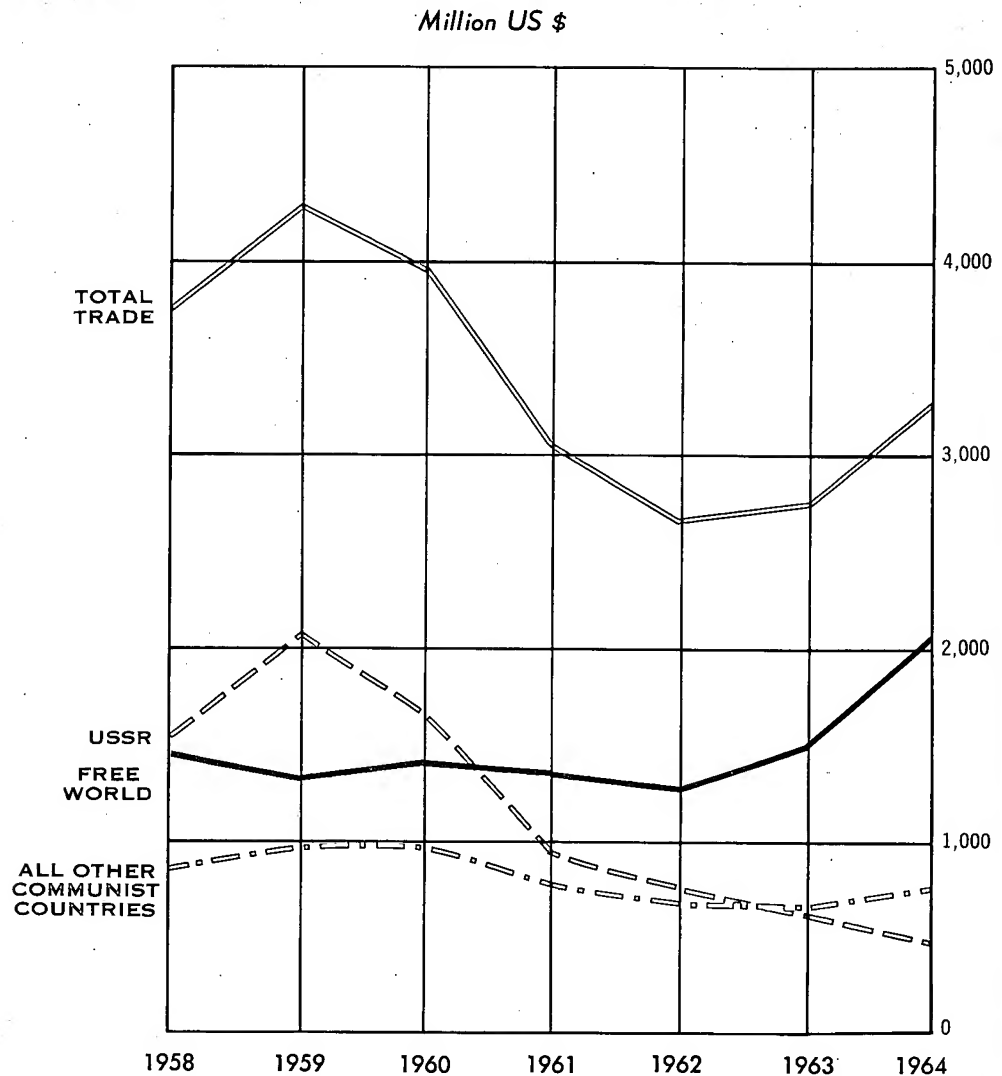
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Tabular Graphic

DIRECTION OF INTERNATIONAL TRADE OF COMMUNIST CHINA 1958-64

TABLE 62

	MILLION US \$						
	1958	1959	1960	1961	1962	1963	1964
TOTAL TRADE	3,740	4,285	3,980	3,005	2,665	2,735	3,255
FREE WORLD	1,385	1,305	1,370	1,335	1,265	1,500	2,055
COMMUNIST COUNTRIES	2,355	2,980	2,610	1,665	1,405	1,235	1,200
USSR	1,515	2,055	1,665	920	750	600	480
ALL OTHER COMMUNIST COUNTRIES	840	925	945	745	655	635	720

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RATES OF EXCHANGE FOR
COMMUNIST COUNTRIES

Table 69

Rates of Exchange for Currencies of the Communist Countries
as of 1 April 1965

Unit of Currency		Rate of Exchange			
		In Terms of US \$1		In Terms of 1 Ruble	
		Commercial Rate ^a	Noncom- mercial Rate ^b	Commercial Rate ^a	Noncom- mercial Rate ^b
USSR.....	Ruble.....	0.90*	0.90*		
Bulgaria.....	Lev.....	1.17*	2.00*	1.3*	0.78*
Czechoslovakia.....	Koruna.....	7.2*	14.34*	8.0*	9.66*
East Germany.....	Deutsche Mark East.....	4.2* ^c	4.2*	4.67* ^c	3.20*
Hungary.....	Forint.....	11.74*	23.48*	13.04*	13.11*
Poland.....	Zloty.....	4*	24*	4.44*	15.30*
Rumania.....	Leu.....	6*	15*	6.67*	8.30*
Communist China.....	Yuan.....	{ 2.46* ^d 4.00* ^d }	2.46* ^e	N.A.	1.29*
North Korea.....	Won.....				
North Vietnam.....	Dong.....	3.7* ^f	3.7* ^g	N.A.	1.92*
Albania.....	Lek.....	50*	150*	55.56*	84.00*

* An asterisk indicates that the data are unclassified.

^a Official rates unless otherwise indicated. These rates are used for converting trade statistics.^b Rates used for noncommercial transactions such as diplomatic, tourist and student expenditures, personal remittances, and the like. Some countries have special rates for tourists in addition to the noncommercial rate.^c The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.22 DME to US \$1 and 2.47 DME to 1 ruble.^d Generally accepted conversion rates, with the rate of 2.46 being used in trade with the Free World and the rate of 4.0 in trade with the Communist countries. Because official rates have never been announced by Communist China, these conversion rates have been estimated and, therefore, represent only approximations of actual rates.^e An approximate rate. Actual rates vary depending on the transaction involved and the currency being traded. Actual rates also appear to change from time to time.^f A bank rate. North Korea has not announced an official relationship between the won and Free World currencies. This rate probably is used for noncommercial transactions.^g A bank rate. North Vietnam has not announced an official relationship between the dong and Free World currencies. This rate probably is used for noncommercial transactions.

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Table 70

Cross Rates of Exchange for Currencies of the NATO Countries *
1965

Country: (Monetary unit):	US (Dollar)	Bel- gium ^b (Franc)	Canada (Dollar)	Den- mark (Krone)	France (New Franc)	Greece (Drach- ma)	Iceland (Krona)	Italy (Lira)	Nether- lands (Guilder)	Norway (Krone)	Portu- gal (Es- cudo)	Turkey (Lira)	UK (Pound)	West Germany (Deutsche Mark)
One monetary unit of the currency quoted above equals the following:														
US..... Dollar.....	1.000*	0.020*	0.925*	0.145*	0.203*	0.033*	0.023*	0.0016*	0.276*	0.140*	0.035*	0.111*	2.800*	0.250*
Belgium ^b Franc.....	50.00*	1.000*	46.24*	7.239*	10.13*	1.667*	1.16*	0.080*	13.81*	7.00*	1.734*	5.556*	140.0*	12.50*
Canada..... Dollar.....	1.081*	0.022*	1.000*	0.157*	0.218*	0.036*	0.025*	0.0018*	0.298*	0.152*	0.038*	0.120*	3.026*	0.270*
Denmark..... Krone.....	6.907*	0.138*	6.385*	1.000*	1.399*	0.230*	0.161*	0.0111*	1.908*	0.967*	0.240*	0.767*	19.34*	1.727*
France..... New franc.....	4.937*	0.099*	4.564*	0.715*	1.000*	0.165*	0.115*	0.0079*	1.364*	0.691*	0.172*	0.549*	13.82*	1.234*
Greece..... Drachma.....	30.00*	0.600*	27.74*	4.343*	6.077*	1.000*	0.698*	0.0480*	8.287*	4.200*	1.040*	3.333*	84.00*	7.500*
Iceland..... Krona.....	43.00*	0.860*	39.75*	6.226*	8.71*	1.433*	1.000*	0.069*	11.88*	6.020*	1.492*	4.778*	120.40*	10.75*
Italy..... Lira.....	625.0*	12.50*	577.9*	90.49*	126.6*	20.83*	14.54*	1.000*	172.7*	87.50*	21.67*	69.44*	1,750.0*	156.3*
Netherlands..... Guilder.....	3.620*	0.072*	3.347*	0.524*	0.733*	0.121*	0.084*	0.006*	1.000*	0.507*	0.126*	0.402*	10.14*	0.905*
Norway..... Krone.....	7.143*	0.143*	6.603*	1.034*	1.447*	0.238*	0.166*	0.0114*	1.973*	1.000*	0.248*	0.794*	20.00*	1.786*
Portugal..... Escudo.....	28.75*	0.5750*	26.57*	4.163*	5.823*	0.958*	0.669*	0.0460*	7.942*	4.026*	1.000*	3.194*	80.50*	7.186*
Turkey..... Lira.....	9.000*	0.180*	8.321*	1.303*	1.823*	0.300*	0.209*	0.0144*	2.486*	1.260*	0.313*	1.000*	25.20*	2.250*
UK..... Pound.....	0.357*	0.0071*	0.329*	0.052*	0.072*	0.012*	0.008*	0.0006*	0.099*	0.050*	0.012*	0.0397*	1.000*	0.089*
West Germany..... Mark.....	4.000*	0.080*	3.698*	0.579*	0.810*	0.133*	0.093*	0.0064*	1.105*	0.560*	0.139*	0.444*	11.20*	1.000*

* An asterisk indicates that the data are unclassified.

* Par values as declared to the International Monetary Fund. Data are as of 15 March 1965.

^b Including Luxembourg.

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AGRICULTURE and PROCESSED FOODS



LAND UTILIZATION

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Table 71

Land Utilization

	Total Area ^a	Arable Land ^b	Arable Land as a Percent of the Total Area
	Thousand Hectares ^c		
NATO COUNTRIES			
US.....	936,323*	185,152*	20*
Belgium.....	3,051*	916*	30*
Canada.....	997,618*	41,845*	4*
Denmark.....	4,304*	2,783*	65*
France.....	55,121*	21,456*	39*
Greece.....	13,092*	3,702*	28*
Iceland.....	10,300*	1*	Negl.*
Italy.....	30,122*	15,570*	52*
Luxembourg.....	259*	73*	28*
Netherlands.....	3,361* ^d	1,002*	30*
Norway.....	32,392*	848*	3*
Portugal.....	8,886*	4,130* ^e	46*
Turkey.....	77,698*	25,348*	33*
UK.....	24,403*	7,322* ^f	30*
West Germany.....	24,685*	8,462*	34*
Other Free World Countries			
Argentina ^g	277,666*	30,000*	11*
India ^h	326,293*	160,860*	49*
Spain ⁱ	50,475*	20,730*	41*
COMMUNIST COUNTRIES			
Soviet Bloc			
USSR.....	2,227,200* ^j	233,800* ^k	11*
Eastern Europe			
Bulgaria.....	11,093*	4,531*	41*
Czechoslovakia.....	12,786*	5,413*	42*
East Germany.....	10,829*	4,973*	46*
Hungary.....	9,303*	5,638*	61*
Poland.....	31,173*	15,970*	51*
Rumania.....	23,750*	10,475*	44*
Far East			
Communist China.....	956,100*	106,675*	11*
North Korea.....	12,245*	1,984*	16*
North Vietnam.....	15,900*	1,905*	12*
Other			
Albania.....	2,875*	492*	17*
Cuba.....	11,452*	2,400*	21*
Mongolia.....	156,466*	415*	Negl.*
Yugoslavia.....	25,580*	8,363*	33*

* An asterisk indicates that the data are unclassified.

^a The total area of the country and, unless otherwise indicated, including bodies of inland water.

^b Arable land includes land planted to crops (with double-cropped areas being counted only once); land temporarily fallow; temporary meadows for mowing or pasture; garden land; land under fruit trees, vines, and fruit-bearing shrubs; and rubber plantations.

^c One hectare equals 2.471 acres. Data are for various years during the period 1957-64.

^d Land area only.

^e Total agricultural area.

^f Including land belonging to agricultural holdings exceeding 0.405 hectare (1 acre).

^g Continental sector only.

^h Including data for the whole of Kashmir.

ⁱ Including data for the Balearic and Canary Islands.

^j Official Soviet data (22,402,200 square kilometers) include the White Sea (90,000 square kilometers) and the Sea of Azov (40,000 square kilometers), which are excluded by definition from the data shown.

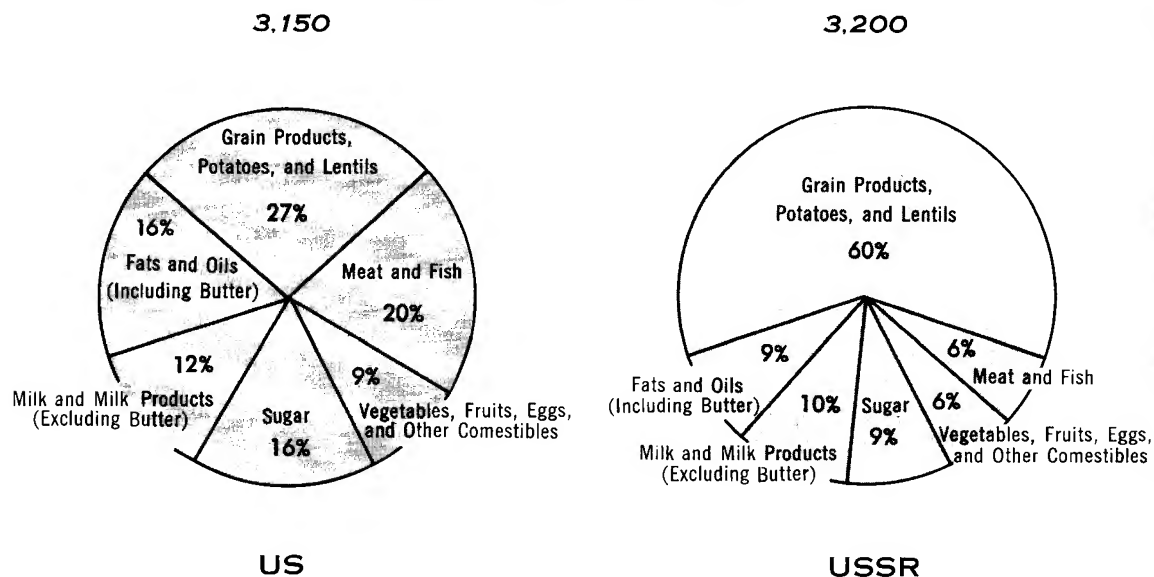
^k Including only plowland and lands formerly cultivated but now idle.

SECRET*Tabular Graphic***AVERAGE DIETS FOR THE US AND THE USSR**

TABLE 72

	US (1964)		USSR † (1962)	
	PERCENT	CALORIES PER DAY	PERCENT	CALORIES PER DAY
MEAT AND FISH	20	630	6	186
VEGETABLES, FRUIT, EGGS, AND OTHER COMESTIBLES	9	284	6	202
SUGAR	16	504	9	292
MILK AND MILK PRODUCTS (Excluding Butter)	12	378	10	298
FATS AND OILS (Including Butter)	16	504	9	295
GRAIN PRODUCTS, POTATOES, AND LENTILS	27	850	60	1,927
TOTAL	100	3,150	100	3,200

† Latest available representative data are for 1962.

ESTIMATED CALORIES PER DAY

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NET AGRICULTURAL PRODUCTION
AND AVAILABILITY OF GRAIN IN INDIA

SECRET

Table 73

Net Agricultural Production and Net Availability of Grain in India
1957-64

Index of Net Agricultural Production ^a (Crop Year ending 30 June 1958=100)								
	1957/58	1958/59	1959/60	1960/61	1961/62	1962/63	1963/64	
	100*	115*	112*	121*	122*	118*	121*	
Production and Net Availability of Grain								
Million Metric Tons								
Year	Cereals ^b				Pulses			
	Net Production	Net Imports	Change in Government Stocks ^c	Net Availability	Net Availability	Net Availability of Cereals and Pulses	Million Persons at Midyear ^d	Availability Per Capita (Kilograms)
1957....	49.63*	3.63*	-0.86*	52.40*	10.60*	63.00*	405.8*	155*
1958....	53.93*	3.22*	+0.27*	57.42*	8.82*	66.24*	414.3*	160*
1959....	56.42*	3.86*	-0.49*	59.79*	11.54*	71.33*	423.3*	169*
1960....	59.06*	5.13*	-1.40*	62.79*	10.33*	73.12*	432.7*	169*
1961....	59.56*	3.49*	+0.17*	63.22*	11.11*	74.33*	442.7*	168*
1962....	60.33*	3.64*	+0.36*	64.33*	10.28*	74.61*	453.4*	165*
1963....	61.97*	4.55*	+0.01*	66.53*	9.99*	76.52*	464.3*	165*
1964....	64.22*	6.27*	+1.37*	71.86*	8.64*	80.50*	475.5*	169*

* An asterisk indicates that the data are unclassified.

^a The years refer to the crop years—that is, the year ending 30 June of the last year of the 2 years stated.^b Data refer to cleaned rice, jowar, bajra, corn, ragi, small millets, wheat, and barley. Production data relate to harvests mostly completed within the stated calendar years and have been reduced by 12.5 percent to eliminate amounts used for feed seed and waste. Therefore, these data differ from those presented in Table 26, p. 30.^c A minus sign indicates amounts reserved for stocks; a plus sign indicates additions to net availability from stocks.^d Including data for Sikkim and Kashmir-Jammu. Midyear population is used because crop production in India occurs at a different period than most other Northern Hemisphere countries.

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USSR: AGRICULTURE AND GRAIN
COMMUNIST CHINA: GRAIN

Table 74

Net Agricultural Production and Availability of Grain in the USSR
1958-64

Index of Net Agricultural Production						1958=100
1958	1959	1960	1961	1962	1963	1964
100*	96*	96*	105*	103*	98*	109*

Production and Availability of Grain					
Million Metric Tons					
Year	Production ^a	Net Trade ^b	Total Availability ^c	Million Persons at Year's End ^d	Availability per Capita ^e (Kilograms)
1958.....	125*	-3.9*	121*	209*	579*
1959.....	100*	-6.2*	94*	212*	443*
1960.....	100*	-6.1*	94*	216*	435*
1961.....	115*	-6.8*	108*	220*	491*
1962.....	115*	-7.4*	108*	223*	484*
1963.....	95*	+1.8*	97*	226*	429*
1964.....	125*	N.A.	125* ^e	229*	546* ^e

* An asterisk indicates that the data are unclassified.

^a Including immature ears of corn converted to a mature grain equivalent.^b The effect of a metric ton of grain imported for food is much greater on the food situation than the effect of an additional ton of domestic production, which is reduced approximately 15 percent for feed, seed, and waste. A minus sign indicates net exports; a plus sign indicates net retained imports.^c Including nonfood as well as food use.^d Year-end population is used because production in the calendar year is consumed in the last half of the year in which it is produced and the first half of the following year.^e Excluding trade.

Table 75

Production and Availability of Grain in Communist China
1958-64

Million Metric Tons					
Year	Production ^a	Net Trade ^b	Total Availability ^c	Million Persons at Year's End ^d	Availability per Capita ^e (Kilograms)
1958.....	200	-1.1	199	665*	299
1959.....	165	-2.0	163	679*	240
1960.....	160	-1.4	159	690*	230
1961.....	165	+5.2	170	701*	243
1962.....	180	+4.7	185	713*	259
1963.....	175	+5.5	180	727*	248
1964.....	170	+6.6	177	742*	239

* An asterisk indicates that the data are unclassified.

^a Including tubers on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.^b The effect of a metric ton of grain imported for food is much greater on the food situation than the effect of an additional ton of domestic production, which is reduced approximately 15 percent for feed, seed, and waste. A minus sign indicates net exports; a plus sign indicates net retained imports.^c Including nonfood as well as food use.^d Year-end population is used because production in a calendar year is consumed in the last half of the year in which it is produced and the first half of the following year.

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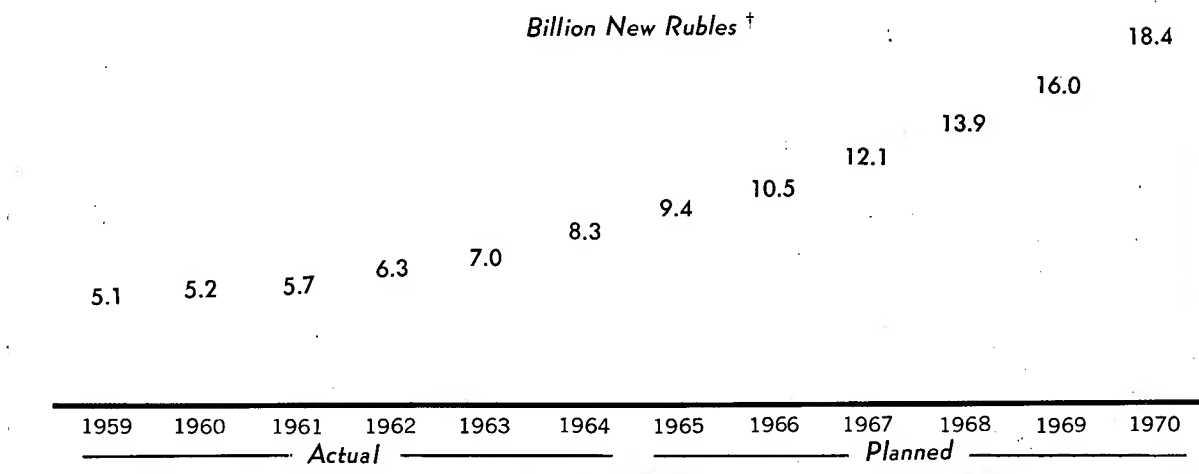
87

AGRICULTURAL INVESTMENT IN THE USSR, 1959-70 ACTUAL AND PLANNED

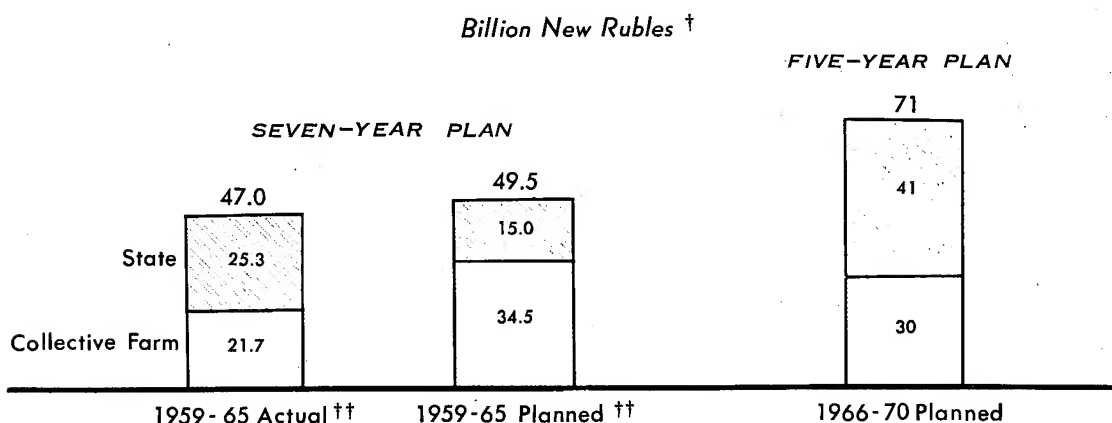
TABLE 76

	BILLION NEW RUBLES [†]											
	Actual						Planned					
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
TOTAL INVESTMENT	5.1	5.2	5.7	6.3	7.0	8.3	9.4	10.5	12.1	13.9	16.0	18.4
AGGREGATE INVESTMENT	SEVEN-YEAR PLAN						FIVE-YEAR PLAN					
	1959-65 Actual ^{††}			1959-65 Planned ^{††}			1966-70 Planned					
STATE	25.3			15.0			41					
COLLECTIVE FARM	21.7			34.5			30					
TOTAL	47.0			49.5			71					

TOTAL INVESTMENT



AGGREGATE INVESTMENT



[†] Expressed in 1955 prices.

^{††} Partially estimated.

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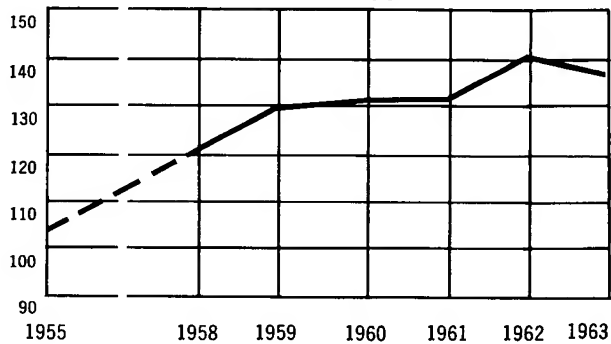
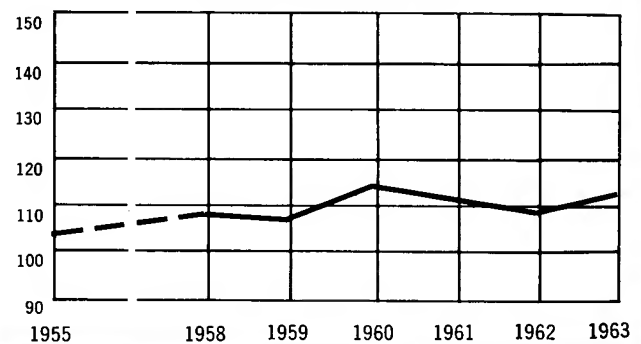
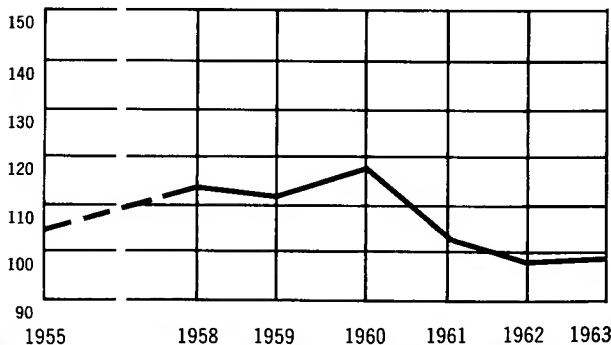
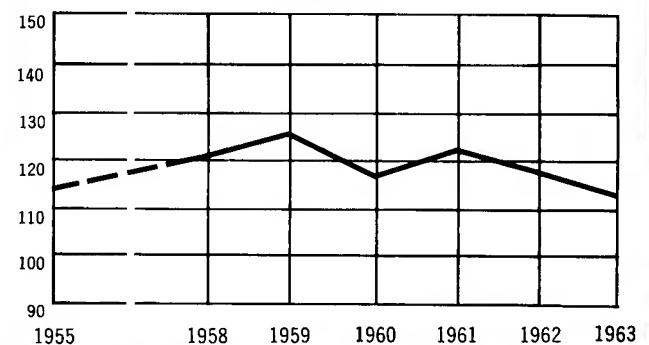
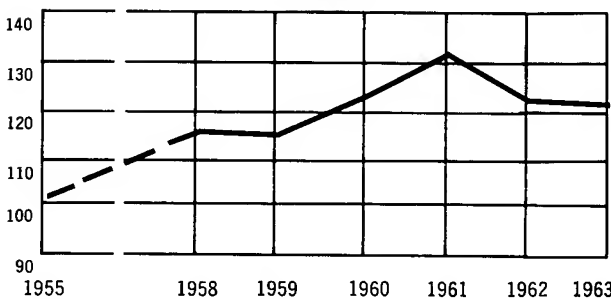
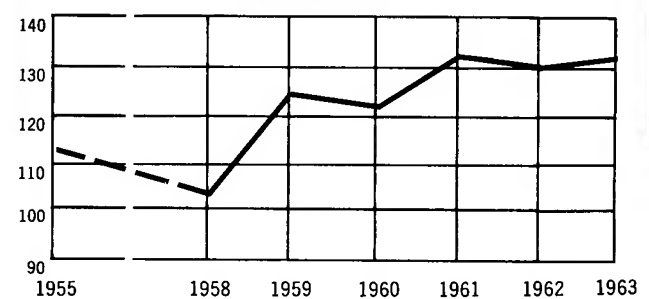
Tabular Graphic

INDEXES OF AGRICULTURAL PRODUCTION IN EASTERN EUROPE[†] IN SELECTED YEARS, PREWAR AND 1955-64

TABLE 77

	AVERAGE 1952-56=100							
	PREWAR	1955	1958	1959	1960	1961	1962	1963
BULGARIA	95	106	123	132	133	133	142	139
CZECHOSLOVAKIA	118	105	109	108	115	112	109	112
EAST GERMANY	110	107	116	114	119	105	98	100
HUNGARY	110	116	122	127	117	123	118	113
POLAND	119	104	118	116	125	132	125	123
RUMANIA	103	114	104	126	122	133	130	131
EASTERN EUROPE	112	107	114	117	121	123	118	119

Average 1952-56=100

BULGARIA**CZECHOSLOVAKIA****EAST GERMANY****HUNGARY****POLAND****RUMANIA**

[†] Gross production of crops minus seed, waste, and feed (including imported grain) and livestock products, including changes in livestock numbers. FAO/OECD Western European regional price weights (1952-56 average) were used.

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GRAIN

SECRET

Table 78

Production of Grain ^a
1958-64 and 1965 Plan

	Million Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	273*	274*	290*	259*	281*	300*	284*	
US ^c	173*	169*	181*	164*	163*	177*	163*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	165	146	144	159	158	139	169	
USSR ^d	125*	100*	100*	115*	115*	95*	125*	172* ^e
Eastern Europe.....	39.6	45.6	43.9	44.0	43.2	43.6	43.8	
Bulgaria.....	3.45	4.05	4.04	3.78	3.82	3.94	4.15	
Czechoslovakia.....	4.83*	5.52*	5.74*	5.66*	5.69*	5.64*	5.24*	
East Germany.....	5.64	5.20	5.60	4.80	5.34	5.03	4.98	7.63
Hungary.....	5.71	7.34	6.88	6.11	6.73	6.31	6.76	
Poland ^f	13.5*	14.1*	13.1	14.3	13.0	13.5	13.0	14.8 *
Rumania.....	6.44	9.34	8.58	9.32	8.57	9.14	9.70	11.6
Far East								
Communist China ^b	200	165	160	165	180	175	170	
North Korea.....	2.88	1.35	2.68	2.94	3.14	N.A.	N.A.	
North Vietnam ^g	4.77*	5.44*	4.43*	4.93*	4.82*	4.51*	4.79*	
Other								
Albania.....	0.29*	0.34*	0.22*	0.28*	0.31*	0.29*	0.32	
Cuba ^h	0.42*	0.44*	0.48*	0.40*	0.37*	0.38*	0.19	
Yugoslavia.....	7.43*	12.11*	10.93*	8.97*	9.79*	10.60*	11.71*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	1.74*	1.92*	Italy.....	15.2*	14.0*	Portugal.....	1.90*	1.40*
Canada.....	22.6*	27.1*	Luxembourg ⁱ ...	0.04*	0.02*	Turkey.....	11.2*	12.0*
Denmark.....	3.71*	5.58*	Netherlands....	1.59*	1.86*	UK.....	8.17*	12.6*
France.....	18.4*	25.1*	Norway.....	0.49*	0.63*	West Germany.....	12.0*	15.0*
Greece.....	2.55*	3.03*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data for the NATO and the Communist countries include, where produced, barley, corn, oats, rice, rye, and wheat. Data for the Communist countries (except Czechoslovakia) also include, unless otherwise indicated, miscellaneous grains such as buckwheat, millet, sorghum, and mixed grains.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for sorghum are included only for the US.

^c Excluding corn silage and forage but including sorghum for grain, which amounted to 12.5 million metric tons in 1964.

^d Including pulses.

^e Midpoint of the range of planned production for 1965 of 164 million to 180 million metric tons.

^f Unless otherwise indicated, including barley, oats, rye, and wheat only.

^g Including miscellaneous grains.

^h Including tubers on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

ⁱ Including corn and rice only.

^j Oats only.

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BREADGRAINS

Table 79

Production of Breadgrains *
1958-64

Million Metric Tons

	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	93.4*	86.2*	95.1*	81.2*	94.9*	95.2*	101*	
US.....	40.5*	31.1*	37.8*	34.3*	30.8*	31.8*	36.0*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	102	94.0	81.8	92.8	93.9	73.3	94.1	
USSR.....	80.0*	69.0*	59.0*	69.0*	71.0*	51.0*	71.0*	
Eastern Europe.....	22.4	25.0	22.8	23.8	22.9	22.3	23.1	
Bulgaria.....	2.17	2.14	2.09	1.88	1.91	1.83	1.84	
Czechoslovakia.....	2.28*	2.62*	2.40*	2.66*	2.56*	2.65*	2.67*	
East Germany.....	3.34	3.19	3.30	2.53	2.80	2.72	2.78	
Hungary.....	1.86*	2.35*	2.12*	2.23*	2.19*	1.74*	2.32*	
Poland.....	9.66*	10.6*	9.36*	10.4*	9.27*	9.49	9.54	
Rumania.....	3.04*	4.13*	3.55*	4.09*	4.13*	3.88*	3.91	
Far East								
Communist China ^c	27.0	26.0	22.0	17.0	23.0	23.0	22.0	
North Korea ^c	0.07	0.13	0.03	0.05	0.04	N.A.	N.A.	
Other								
Albania.....	0.11*	0.11*	0.07*	0.10*	0.15*	0.06*	0.14	
Yugoslavia.....	2.69*	4.40*	3.80*	3.36*	3.68*	4.30*	3.85*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	0.98*	1.04*	Greece.....	1.83*	2.19*	Portugal.....	1.02*	0.59*
Canada.....	10.3*	16.7*	Italy.....	9.90*	8.68*	Turkey.....	7.17*	7.75*
Denmark.....	0.58*	0.83*	Netherlands...	0.83*	1.07*	UK.....	2.78*	3.73*
France.....	10.0*	14.0*	Norway.....	0.02*	0.02*	West Germany...	7.45*	8.79*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include wheat and rye.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding rye.

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OTHER GRAINS

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Table 80

Production of Barley, Corn, and Oats ^a
1958-64

Million Metric Tons

	1958	1959	1960	1961	1962	1963	1964
NATO COUNTRIES ^b	176*	184*	191*	174*	182*	200*	178*
US ^c	131*	136*	141*	128*	130*	142*	124*
COMMUNIST COUNTRIES							
Soviet Bloc.....	62.1	51.4	62.0	66.1	63.9	65.8	73.6
USSR ^d	45.0*	31.0*	41.0*	46.0*	44.0*	44.0*	53.0*
Eastern Europe.....	17.1	20.4	21.0	20.1	20.2	21.1	20.6
Bulgaria.....	1.23	1.88	1.93	1.87	1.88	2.07	2.27
Czechoslovakia ^e	2.55*	2.90*	3.34*	3.00*	3.13*	3.00*	2.57*
East Germany.....	2.30	2.01	2.30	2.27	2.54	2.31	2.20
Hungary.....	3.78	4.92	4.71	3.84*	4.50*	4.53*	4.39
Poland ^f	3.88*	3.53*	3.73	3.97	3.71	3.98	3.42
Rumania.....	3.36	5.16	4.98	5.19	4.41	5.20	5.74
Far East							
Communist China ^g	45.0	37.0	37.0	41.0	46.0	52.0	44.0
North Korea.....	1.30	N.A.	1.14	1.36	1.34	N.A.	N.A.
North Vietnam ^h	0.19	0.25*	0.21*	0.27*	0.28*	0.22*	0.27*
Other							
Albania.....	0.18*	0.23*	0.14*	0.18*	0.15*	0.21*	0.18*
Cuba ^h	0.19*	0.19*	0.21*	0.20*	0.16*	0.18*	N.A.
Yugoslavia.....	4.72*	7.69*	7.11*	5.59*	6.08*	6.28*	7.83*

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	0.76*	0.89*	Italy.....	4.55*	4.58*	Portugal.....	0.73*	0.65*
Canada.....	12.3*	10.5*	Luxembourg ⁱ	0.04*	0.02*	Turkey.....	3.92*	4.08*
Denmark.....	3.13*	4.75*	Netherlands.....	0.76*	0.80*	UK.....	5.39*	8.86*
France.....	8.20*	10.9*	Norway.....	0.47*	0.61*	West Germany....	4.59*	6.22*
Greece.....	0.66*	0.73*						

^a An asterisk indicates that the data are unclassified.^b Including, unless otherwise indicated, miscellaneous grains such as buckwheat, millet, and mixed grains for the Communist countries.^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^d Excluding corn silage and forage but including sorghum for grain, which amounted to 12.5 million metric tons in 1964.^e Including pulse and ensiled immature ears of corn converted to a dry grain equivalent.^f Excluding miscellaneous grains.^g Excluding corn and miscellaneous grains.^h Including kaoliang, broad beans, and field peas.ⁱ Corn only.^j Oats only.

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RICE

Table 81

Production of Rice ^a
1958-64

						Thousand Metric Tons			
		1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b		3,260*	3,690*	3,540*	3,690*	4,210*	4,310*	4,520*	
US.....		2,030*	2,433*	2,476*	2,458*	2,996*	3,179*	3,288*	
COMMUNIST COUNTRIES									
Soviet Bloc.....		371*	357*	313*	355*	365*	411*	407	
USSR.....		216*	214*	187*	250*	270*	270*	270*	
Eastern Europe.....		155*	143*	126*	105*	95*	141*	137	
Bulgaria.....		45*	29*	32*	36*	39*	42*	42	
Hungary.....		73*	59*	45*	38*	36*	48*	45	
Rumania.....		37*	55*	49*	31*	20*	51*	50	
Far East									
Communist China.....		91,000	81,000	79,000	82,000	82,000	74,000	78,000	
North Korea.....		1,509	1,226	1,513	1,533	1,750	1,549	1,619	
North Vietnam.....		4,577*	5,193*	4,212*	4,651*	4,542*	4,296*	4,512*	
Other									
Albania.....		5*	5*	5*	5*	6*	9*	8	
Cuba.....		226*	249*	270*	200*	210*	200*	120	
Yugoslavia.....		22	22	22	20	23	23	22	
Other NATO Countries									
		1958	1964		1958	1964		1958	1964
France.....	141*	130*	Italy.....	737*	700*	Turkey.....	138*	135*	
Greece.....	66*	105*	Portugal.....	149*	166*				
Other Free World Countries									
		1958	1964		1958	1964		1958	1964
Burma.....	7,711*	8,400* ^c	Japan.....	14,991*	15,956* ^d	South Vietnam..	4,300*	5,300* ^c	
India ^d	46,303*	55,000*	Pakistan ^d	12,036*	17,739*	Thailand.....	7,050*	10,000*	
Indonesia.....	12,269*	12,900* ^c							

* An asterisk indicates that the data are unclassified.

^a Data include rough, or paddy, rice. Crop production statistics for the Northern Hemisphere relate generally to the harvests of the spring, summer, and autumn of the year stated, but for the more southerly regions of this hemisphere they relate to harvests continuing into the early part of the following year. For the Southern Hemisphere these data relate to crops generally harvested in the latter part of the year stated and the first half of the following year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Data are for 1963.

^d Estimated from planted acreage.

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POTATOES

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Table 82

Production of Potatoes
1958-64 and 1965 Plan

Million Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	79.7*	78.3*	86.4*	80.8*	82.6*	87.4*	73.8*	
US.....	13.49*	12.35*	13.07*	14.90*	13.54*	13.79*	12.39*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	144	144	145	146	127	137	161	
USSR.....	86.53*	86.56*	84.37*	84.31*	69.68*	71.83*	93.00*	147*
Eastern Europe.....	58.0	57.4	60.8	61.2	57.4	65.3	68.4	
Bulgaria.....	0.25*	0.42*	0.48*	0.44*	0.36*	0.41*	0.42	
Czechoslovakia.....	6.59*	6.33*	5.09*	5.33*	5.00*	6.51*	7.50	
East Germany.....	11.50	11.90	14.20	8.10	11.96	11.60	11.24	18 ^b
Hungary.....	2.60*	2.37*	2.66*	1.63*	1.88*	2.03*	1.68*	
Poland.....	34.80*	34.02	35.96	43.42	36.08	42.60	45.52	
Rumania.....	2.22	2.32	2.41	2.30	2.08	2.15	2.09	4.75* ^c
Far East								
Communist China ^d	148.40	83.60	88.00	101.20	116.40	104.00	104.00	
North Korea ^d	0.80	0.83	0.79	1.05	N.A.	N.A.	N.A.	
North Vietnam ^e	0.42*	0.72*	0.58*	0.98*	0.86*	0.81*	1.15*	
Other								
Albania.....	0.02*	0.03*	0.02*	0.03*	0.02*	0.02*	0.03	
Cuba.....	0.11*	0.12*	0.09*	0.08*	0.09*	0.08*	N.A.	
Yugoslavia.....	2.62*	2.76*	3.27*	2.69*	2.63*	3.02*	2.80*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	2.25* ^f	1.63*	Greece.....	0.52*	0.70*	Portugal.....	1.22*	1.15*
Canada.....	2.05*	2.37*	Italy.....	4.11*	4.41*	Turkey.....	1.47*	1.60* ^g
Denmark.....	1.74*	1.29*	Netherlands...	4.25*	4.48*	UK.....	6.32*	7.20*
France.....	15.56*	13.06*	Norway.....	1.35*	0.90*	West Germany...	25.36*	22.58*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Estimated production for 1965.^c Midpoint of the range of production planned for 1965 of 4.5 million to 5.0 million metric tons.^d Including sweet and Irish potatoes and other starchy tubers such as taro and cassava.^e Sweet potatoes only.^f Including data for Luxembourg.^g Data are for 1963 and are included in the NATO total for 1964.

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MEAT

Table 83

Production of Meat *
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	22,900*	23,600*	24,500*	25,300*	26,200*	27,000*	28,000*	
US.....	11,638*	12,392*	12,795*	12,966*	13,134*	13,861*	14,820*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	9,980	10,900	10,600	10,900	11,700	12,300	10,700	
USSR ^c	6,780*	7,670*	7,380*	7,400*	8,140*	8,870*	7,100*	11,000*
Eastern Europe.....	3,200	3,210	3,230	3,540	3,520	3,440	3,600	
Bulgaria.....	208	201	174	204	223	209	220	
Czechoslovakia.....	466	471	483	499	514	512	543	
East Germany.....	707	685	730	755	649	715	785	
Hungary.....	320	341	290	352	417	425	425	425
Poland ^d	1,164	1,129	1,148	1,279	1,285	1,192	1,225	2,492* ^e
Rumania.....	336	381	409	446	430	385	404	
Far East								
North Korea.....	N.A.	62 ^f	65 ^f	82	83	N.A.	N.A.	350* ^g
Other								
Albania.....	14	14	14	14	14	14	14	
Cuba.....	221*	240*	N.A.	N.A.	N.A.	N.A.	N.A.	
Yugoslavia.....	367*	431*	488*	475*	509*	490*	514*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium ^h	448*	488*	Greece.....	126*	181*	Portugal.....	146*	145*
Canada.....	1,070*	1,311*	Italy.....	945*	1,182*	Turkey.....	270*	250*
Denmark.....	690*	886*	Netherlands...	570*	742*	UK.....	1,730*	1,963*
France.....	2,478*	3,004*	Norway.....	113*	130*	West Germany...	2,684*	2,918*
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
Argentina.....	2,894*	2,205*	Brazil.....	1,822*	2,006*	New Zealand....	681*	806*
Australia.....	1,417*	1,711*	Mexico.....	666*	756*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for meat on the basis of carcass weight, bone-in, and include beef, veal, pork, mutton, lamb, goat, carabao, and horsemeat where produced but exclude offal, lard, and rabbit and poultry meat.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including slaughter fats and poultry.

^d Including edible offal.

^e Live-weight basis, including poultry.

^f Plan.

^g Probably including rabbit.

^h Including data for Luxembourg.

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MILK

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Table 84

Production of Milk ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	144,000*	143,000*	149,000*	153,000*	155,000*	155,000*	154,000*	
US.....	56,806*	55,333*	55,702*	56,899*	57,162*	56,601*	57,017*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	80,400*	82,900*	82,700*	84,000*	85,000	83,100	79,900	
USSR.....	54,600*	56,100*	55,500*	56,300*	58,100*	56,300*	52,700*	90,000* ^c
Eastern Europe.....	25,800*	26,800*	27,200*	27,700*	26,900	26,800	27,200	
Bulgaria.....	594*	671*	744*	814*	772*	797*	837	
Czechoslovakia.....	3,764*	3,771*	3,830*	3,945*	3,664*	3,536*	3,770*	
East Germany.....	5,656*	5,826*	5,730*	5,612*	5,216*	5,569*	5,670	7,658
Hungary.....	1,949*	1,987*	1,955*	1,896*	1,806*	1,795*	1,885	2,780*
Poland.....	11,859*	12,302*	12,488*	12,759*	12,860*	12,641*	12,740*	12,906*
Rumania.....	2,006*	2,203*	2,433*	2,630*	2,575	2,430	2,340	
Other								
Albania.....	39	41	44	44	44	45	47	
Cuba.....	740*	N.A.	742*	760*	660*	660*	N.A.	
Yugoslavia.....	2,192*	2,300*	2,283*	2,249*	2,220*	2,170*	2,150*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	3,745*	3,874*	Greece.....	326*	574*	Norway.....	1,719*	1,676*
Canada ^d	8,189*	8,380*	Italy.....	8,639*	9,183*	Turkey.....	2,349*	2,450*
Denmark.....	5,147*	5,191*	Luxembourg...	202*	184*	UK.....	12,012*	12,762*
France.....	21,242*	25,281*	Netherlands...	6,241*	6,743*	West Germany...	17,867*	20,820*

* An asterisk indicates that the data are unclassified.

^a Data include whole milk from cows.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Midpoint of the range of production planned for 1965 of 88 million to 92 million metric tons.^d Data for 1962 and subsequent years have been revised slightly and therefore are not strictly comparable with previous years.

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SUGAR

Table 85

Production of Sugar *
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	10,200*	10,100*	11,900*	11,600*	10,500*	11,900*	N.A.*	
US ^c	3,247*	3,443*	3,637*	3,871*	3,990*	4,415*	5,066*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	9,040	9,080	11,000	12,700	11,500	10,400	12,900	
USSR ^d	5,433*	6,011*	6,363*	8,376*	7,800*	6,219*	8,209*	9,625* ^e
Eastern Europe.....	3,610	3,060	4,660	4,310	3,740	4,160	4,740	
Bulgaria.....	162*	140*	186*	255*	153*	155*	239	
Czechoslovakia.....	969	674	1,179	1,041	904	1,035	1,032	
East Germany.....	810*	633*	900*	620*	668*	789*	765	
Hungary.....	276	380	461	297	313	439	442	
Poland.....	1,190*	974*	1,511*	1,639*	1,328*	1,424*	1,793*	
Rumania.....	204*	263*	425*	459*	372*	313*	467*	496*
Far East								
Communist China ^e	900	1,130*	770*	550*	510*	N.A.	N.A.	
Other								
Albania.....	11*	13*	15*	11*	10*	13*	14	
Cuba ^f	5,784*	5,964*	5,862*	6,767*	4,815*	3,821*	4,100 *	
Yugoslavia.....	183*	269*	289*	250*	246*	340*	N.A.	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium ^b	457*	356*	Greece.....	0*	38*	Turkey.....	380*	469*
Canada.....	168*	151*	Italy.....	1,118*	913*	UK.....	623*	784*
Denmark.....	383*	337*	Netherlands.....	577*	419*	West Germany.....	1,763*	2,037*
France.....	1,486*	1,998*	Portugal ^g	11*	15*			
Other Free World Countries								
	1958	1963		1958	1963		1958	1963
Australia ^f	1,378*	1,706*	Dominican Republic ^f	838*	798*	Mexico ^f	1,210*	1,756*
Brazil ^f	3,004*	3,037*	India ^f	2,166*	2,502*	Philippines ^f	1,242*	1,501*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 90 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including cane sugar.

^d Including the refining of raw cane imports.

^e Midpoint of the range of production of sugar from sugar beets planned for 1965 of 9.25 million to 10.0 million metric tons. Before 1960, almost all sugar was produced from sugar beets.

^f Cane sugar only.

^g Data are for the sugar crop year—that is, the year beginning 1 May of the stated year.

^h Including data for Luxembourg.

ⁱ Data are for the Azores and Madeira only.

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FISH CATCH

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Table 86
Fish Catch *
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	9,920*	10,500*	9,950*	10,300*	10,600*	10,600*	N.A.*	
US.....	2,708.6*	2,890.8*	2,814.7*	2,931.9*	2,972.8*	2,711.9*	N.A.*	
COMMUNIST COUNTRIES ^c								
Soviet Bloc.....	3,220*	3,380	3,880	4,080*	4,550*	4,680*	5,700	
USSR.....	2,936.4*	3,075.1*	3,541.2*	3,723.8*	4,168.1*	4,681.1*	5,175.0*	
Eastern Europe.....	280*	303	339	360*	380*	472*	521	
Bulgaria ^d	5.3*	5.2*	7.9*	5.7*	5.1*	4.3*	5.0	
Czechoslovakia.....	8.1*	8.6*	8.8*	9.9*	10.1*	9.7*	9.9	
East Germany.....	93.2*	105.6*	114.4*	130.1*	150.1*	184.8*	200.0* ^e	240* ^e
Hungary.....	13.0*	14.5*	14.9*	19.3*	21.0*	29.1*	29.0	
Poland ^e	126.7*	146.0*	168.0*	169.3*	164.1*	210.0*	244.3*	270*
Rumania.....	33.8*	23.3	25.0	26.0*	30.0*	34.4*	32.4*	
Far East								
Communist China.....	4,060.0	5,000.0	3,450.0 ^f	3,700.0 ^f	N.A.	N.A.	N.A.	
North Korea.....	501.0	515.0	465.0	595.0	N.A.	640.0	610.0	
North Vietnam.....	151.3	161.4	166.7	163.3	184.8	N.A.	N.A.	
Other								
Albania.....	2.6*	2.7*	2.6*	3.2*	2.8*	3.5*	3.5	
Cuba.....	21.9*	28.2*	31.2*	30.5*	35.0*	35.6*	N.A.	
Yugoslavia.....	31.3*	29.4*	30.8*	38.4*	36.4*	34.1*	N.A.	

Other NATO Countries

	1958	1963		1958	1963		1958	1963
Belgium.....	64.3*	61.9*	Iceland.....	580.4*	784.5*	Portugal ^h	466.0*	539.8*
Canada.....	1,007.6*	1,191.3*	Italy.....	211.0*	231.6*	Turkey.....	101.3*	130.7*
Denmark ^a	598.1*	848.0*	Luxembourg...	0.4*	0.6*	UK.....	999.0*	951.2*
France.....	611.8*	742.3*	Netherlands...	313.8*	361.0*	West Germany...	743.1*	646.9*
Greece.....	80.0*	N.A.*	Norway.....	1,434.5*	1,387.8*			

Other Free World Countries

	1958	1963		1958	1963		1958	1963
India.....	1,064.6*	1,045.8*	Japan.....	5,504.7*	6,697.8*	Spain.....	844.9* ⁱ	1,097.9*

* An asterisk indicates that the data are unclassified.

^a Data refer to all species and seaweed, crustaceans, and mollusks but, unless otherwise indicated, not to aquatic mammals. Data are in terms of live weight in NATO and other Free World countries and in terms of landed weight in the Communist countries.

^b Excluding data for Greece for all years after 1959.

^c Including aquatic mammals.

^d Commercial catch only.

^e Salt water catch only.

^f Fish only.

^g Excluding data for the Faroe Islands and Greenland.

^h Including the Azores and Madeira.

ⁱ Excluding mollusks cultivated in parks and "viveros" and aquatic plants.

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CATTLE

Table 87

Number of Cattle *
1958-65

Million Head

	1958	1959	1960	1961	1962	1963	1964	1965
NATO COUNTRIES ^b	176*	180*	185*	188*	192*	196*	198*	199*
US.....	91.35*	93.50*	96.42*	97.53*	100.00*	103.74*	106.49*	107.15*
COMMUNIST COUNTRIES								
Soviet Bloc.....	90.7*	95.3*	99.3*	102*	109*	114*	112*	116
USSR.....	66.77*	70.84*	74.16*	75.78*	82.08*	86.99*	85.45*	87.10*
Eastern Europe.....	23.9*	24.4*	25.2*	26.2*	26.9*	26.9*	27.0*	28.5
Bulgaria.....	1.44*	1.36*	1.28*	1.45*	1.58*	1.58*	1.49*	1.40
Czechoslovakia.....	4.09*	4.18*	4.30*	4.39*	4.52*	4.51*	4.48*	4.44*
East Germany ^c	3.74*	4.14*	4.46*	4.68* ^d	4.55* ^e	4.51* ^e	4.61* ^e	4.68* ^e
Hungary ^f	1.94*	2.00*	1.97*	1.96*	1.99*	1.91*	1.88*	2.27* ^g
Poland ^h	8.21*	8.35*	8.70*	9.17*	9.59*	9.84*	9.94*	9.94* ^g
Rumania.....	4.47*	4.39*	4.45*	4.53*	4.71*	4.57*	4.64*	5.80* ^g
Far East								
North Korea.....	0.67*	0.71*	0.68*	0.67*	0.68*	0.68*	N.A.	N.A.
North Vietnam ⁱ	2.37*	2.40*	2.33	2.23*	2.27*	2.30*	N.A.	N.A.
Other								
Albania ^j	0.41*	0.43*	0.43*	0.43*	0.42*	0.41*	0.41*	0.43
Cuba.....	5.70*	5.85*	5.76*	5.78*	5.80*	6.00	6.18	N.A.
Yugoslavia.....	4.92*	5.09*	5.35*	5.76*	5.88*	5.36*	5.11*	N.A.

Other NATO Countries

	1958	1965		1958	1965		1958	1965
Belgium ^k	2.54*	2.53*	Greece ^l	1.08*	1.18*	Portugal.....	0.90*	1.14*
Canada ^m	10.29*	11.90*	Italy ⁿ	8.65*	8.97*	Turkey ⁱ	13.19*	13.76*
Denmark ^o	3.15*	3.18*	Netherlands...	2.87*	3.32*	UK.....	10.82*	11.68*
France ^p	17.92*	20.16*	Norway.....	1.07*	1.05*	West Germany ^q ...	12.01*	13.04*

Other Free World Countries

	1958	1965		1958	1965		1958	1965
Argentina.....	41.36*	43.00*	Brazil.....	69.55*	81.52* ⁱ	World total ^p ...	972.82*	1,084.20*
Australia ^o	16.89*	19.50*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for the inventory at the beginning of the calendar year.^b Unless otherwise indicated, NATO totals include only data for the US and those NATO Countries that are listed under "Other NATO Countries."^c Unless otherwise indicated, data are as of 3 December of the previous year.^d Data are as of 28 December of the previous year.^e Data are as of 30 November of the previous year.^f Data are as of 1 March of the stated year.^g Plan.^h Data are as of 30 June of the stated year.ⁱ Including buffaloes.^j Including data for Luxembourg.^k Excluding data for Newfoundland.^l Including data for the Faroe Islands and Greenland.^m Data are as of 31 October of the previous year.ⁿ Including data for the Saar.^o Data are as of 31 March of the previous year.^p Estimated, including countries for which data are not available.

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HOGS

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Table 88
Number of Hogs ^a
1958-65

	Million Head							
	1958	1959	1960	1961	1962	1963	1964	1965
NATO COUNTRIES ^b	103*	111*	113*	110*	115*	117*	117*	115*
US.....	51.58*	58.10*	59.08*	55.51*	57.00*	58.88*	58.12*	53.05*
COMMUNIST COUNTRIES								
Soviet Bloc.....	80.6*	85.0*	91.9*	99.2*	108*	108*	82.0*	97.5
USSR.....	44.34*	48.68*	53.37*	58.67*	66.70*	69.96*	40.86*	52.80*
Eastern Europe.....	36.2*	36.3*	38.5*	40.5*	41.8*	37.6*	41.2*	44.7
Bulgaria.....	1.99*	2.05*	2.27*	2.55*	2.33*	2.07*	2.10*	2.29
Czechoslovakia.....	5.44*	5.28*	5.69*	5.96*	5.90*	5.90*	5.84*	6.14*
East Germany ^c	8.25*	7.50*	8.28*	8.32*	8.86* ^d	8.04* ^d	9.29* ^d	8.76* ^d
Hungary ^e	5.34*	6.22*	5.36*	5.92*	6.41*	5.43*	6.36*	6.99* ^f
Poland ^g	11.96*	11.21*	12.62*	13.43*	13.62*	11.65*	12.92*	13.00* ^f
Rumania.....	3.25*	4.01*	4.30*	4.30*	4.66*	4.52*	4.66*	7.50* ^f
Far East								
North Korea.....	1.44*	1.61*	1.12*	1.39*	1.50*	N.A.	N.A.	N.A.
North Vietnam.....	2.95*	3.99*	3.63*	3.75*	3.74*	4.24*	4.21*	4.48*
Other								
Albania.....	0.10*	0.11*	0.12*	0.13*	0.13*	0.11*	0.11*	0.13
Cuba.....	1.75*	1.78*	1.72*	0.83*	1.42*	1.66*	N.A.	N.A.
Yugoslavia.....	4.23*	5.66*	6.21*	5.82*	5.16*	5.01*	6.11*	6.97

Other NATO Countries

	1958	1965		1958	1965		1958	1965
Belgium ^h	1.43*	1.75*	Greece.....	0.64*	0.62*	Portugal.....	1.74*	1.44*
Canada ⁱ	5.16*	5.58*	Italy.....	3.90*	5.12*	Turkey.....	0.12*	0.12* ¹
Denmark ^j	5.29*	8.20*	Netherlands...	2.76*	3.52*	UK.....	6.58*	7.96*
France ^k	8.06*	9.09*	Norway.....	0.40*	0.62*	West Germany ^m ..	15.50*	18.17*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the inventory at the beginning of the calendar year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Unless otherwise indicated, data are as of 3 December of the previous year.

^d Data are as of 30 November of the previous year.

^e Data are as of 1 March of the stated year.

^f Plan.

^g Data are as of 30 June of the stated year.

^h Including data for Luxembourg.

ⁱ Excluding data for Newfoundland.

^j Including data for the Faroe Islands.

^k Data are as of 31 October of the previous year.

^l Data are for 1964 and are included in the NATO total for 1965.

^m Including data for the Saar.

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GINNED COTTON

Table 89

Production of Ginned Cotton
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES *	2,760*	3,420*	3,340*	3,430*	3,570*	3,690*	3,640*	
US.....	2,506.4*	3,169.6*	3,107.3*	3,117.3*	3,236.8*	3,338.5*	3,305.0*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	1,470*	1,570*	1,450*	1,510*	1,450*	1,740*	1,780	
USSR.....	1,450.0*	1,550.0*	1,430.0*	1,500.0*	1,430.0*	1,730.0*	1,770.0*	1,965* ^b
Eastern Europe.....	17.0*	18.2*	21.5*	7.9*	16.1*	13.1*	14.0	
Bulgaria.....	15.4*	17.1*	21.1*	7.9*	16.1*	13.1*	14.0	
Rumania.....	1.6*	1.1*	0.4*	Negl.*	Negl.*	Negl.*	Negl.*	
Far East								
Communist China.....	1,760.0*	1,340.0	1,250.0	980.0	750.0	800.0	960.0	
North Korea.....	6.0	20.0*	4.4*	10.0 ^c	N.A.	N.A.	N.A.	
North Vietnam.....	1.8*	2.0*	1.5*	2.0*	1.9*	2.0*	N.A.	
Other								
Albania.....	5.7*	7.0*	5.4*	6.1*	6.2*	7.7*	6.7	
Cuba.....	Negl.*	1.4*	7.2*	4.7*	3.6*	3.5*	3.0	
Yugoslavia.....	2.2*	2.8*	2.4*	2.0*	2.0*	3.0*	2.5*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Greece.....	62.3*	65.3*	Italy.....	7.6*	4.8*	Turkey.....	179.6*	261.3*

Other Free World Countries

	1958	1964		1958	1964		1958	1964
Argentina.....	100.2*	130.6*	Egypt.....	445.9*	504.0*	Mexico.....	510.6*	521.4*
Brazil.....	313.5*	479.0*	India.....	914.4*	1,045.1*	Pakistan.....	275.4*	391.9*

* An asterisk indicates that the data are unclassified.

* NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for the crop year — that is, the year beginning 1 August of the stated year. The conversion factor for Free World data is as follows: 1 bale of cotton equals 480 pounds (net weight).

^b Midpoint of the range of production planned for 1965 of 1.90 million to 2.03 million metric tons.^c Plan.

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WOOL

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Table 90

Production of Wool ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	299*	320*	327*	329*	318*	307*	301*	
US.....	132.9*	144.5*	146.3*	145.1*	135.8*	130.2*	122.5*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	385	424	427	440	444	446	425	
USSR.....	321.8*	356.4*	356.8*	366.3*	371.4*	372.7*	350.0	548.0*
Eastern Europe.....	63.1	68.0	70.0	74.1	72.3	72.9	75.4	
Bulgaria.....	16.5*	19.3*	21.0*	23.1*	22.8*	23.7*	24.8*	
Czechoslovakia.....	2.7	2.5	2.2	1.9	1.8	1.6	1.6	
East Germany.....	8.0*	8.3*	7.7*	7.9*	7.1*	7.5*	7.9	
Hungary.....	7.3*	7.7*	8.3*	9.4*	9.4*	10.0	10.6	
Poland.....	9.0*	9.2*	9.0*	8.8	8.2*	7.3*	7.3*	7.3*
Rumania.....	19.6*	21.0*	21.8*	23.0*	23.0	22.8	23.2	37.0*
Far East								
Communist China.....	54.2	57.9	56.5	55.1	N.A.	N.A.	N.A.	
Other								
Albania.....	2.3	2.3	2.2	2.4	2.4	2.4	2.6	
Yugoslavia.....	14.1*	14.3*	13.5*	13.7*	13.3*	13.2*	12.7	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Canada.....	3.4*	3.0*	Italy.....	14.8*	13.2*	Turkey.....	36.0*	45.0*
France.....	27.5*	28.1*	Norway.....	3.6*	3.6*	UK.....	53.8*	57.4*
Greece.....	10.9*	12.1*	Portugal.....	11.0*	11.6*	West Germany...	5.3*	4.8*

Other Free World Countries

	1958	1964		1958	1964		1958	1964
Argentina.....	190.8*	204.1*	India.....	33.6*	35.4*	South Africa ^c	142.2*	146.1*
Australia.....	721.5*	822.3*	New Zealand..	244.9*	287.6*	Uruguay.....	80.0*	87.1*

* An asterisk indicates that the data are unclassified.

^a Including production of raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including Basutoland and South-West Africa.

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GRAIN COMBINES

Table 91

Production of Grain Combines * in the UK, the US, and Selected Communist Countries
1958-64 and 1965 Plan

								Units
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
UK ^b	6,553*	4,401*	3,213*	2,781*	2,845*	4,674*	5,281*	
US.....	47,137*	42,461*	30,165*	22,916*	24,799*	31,627*	38,278*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	74,200*	60,700*	69,300*	88,000*	91,100*	89,800*	88,100*	
USSR.....	65,000*	54,700*	59,000*	76,300*	79,800*	82,900*	83,600*	84,000*
Eastern Europe.....	9,240*	5,970*	10,300*	11,700*	11,300*	6,880*	4,540*	
Bulgaria.....	1,600*	0* ^c	0* ^c	0* ^c	0* ^c	0* ^c	0* ^c	
East Germany.....	475*	879*	1,972*	2,459*	2,352*	1,801*	1,300*	
Hungary.....	1,338*	1,661*	2,266*	2,825*	2,553*	608*	0*	
Poland.....	23*	29*	564*	307*	561*	810*	1,515*	2,500*
Rumania.....	5,801*	3,400*	5,500*	6,129*	5,810*	3,660*	1,720*	
Far East								
Communist China.....	545*	1,243*	2,590*	N.A.	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

^a Tractor-drawn and self-propelled.

^b Deliveries.

^c Production ceased by 1959, and there has been no indication that production is to be resumed.

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TRACTORS

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Table 92

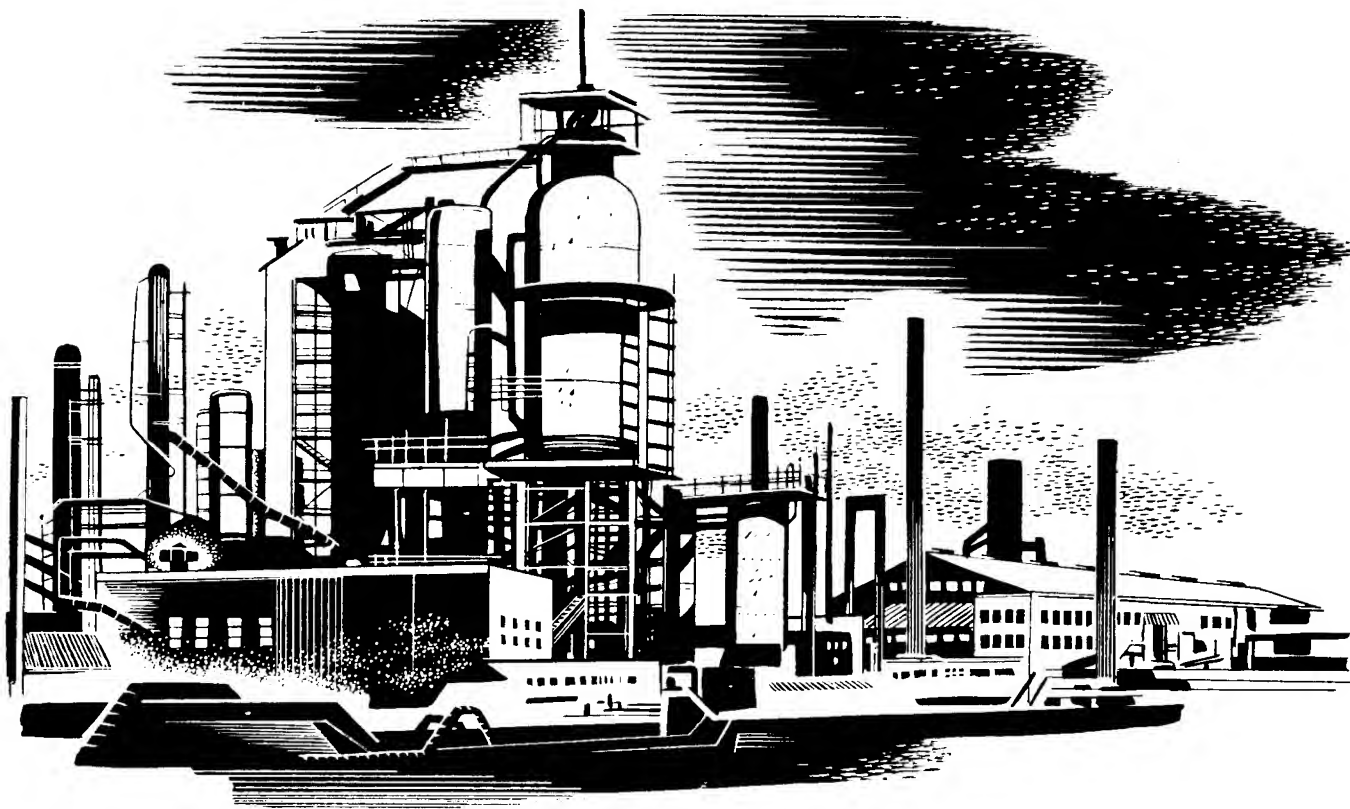
Production of Tractors ^a
1958-64 and 1965 Plan

Thousand Units								
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	646*	690*	584*	612*	628*	661*	676*	
US.....	265.5*	297.1*	178.5*	191.2*	207.3*	224.3*	240.5*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	262*	266*	308*	337*	369*	404*	417*	
USSR.....	219.7*	213.5*	238.5*	263.6*	287.0*	325.3*	329.0*	355* ^c
Eastern Europe.....	41.8*	52.3*	69.0*	73.3*	82.4*	78.9*	88.2*	
Bulgaria.....	0*	0*	0* ^d	<i>Negl.*</i>	<i>Negl.*</i>	0.6*	2.0*	
Czechoslovakia.....	24.6*	29.2*	32.5*	27.8*	31.5*	28.4*	30.0*	
East Germany.....	4.3*	6.8*	9.1*	12.4*	14.2*	16.5*	18.0*	
Hungary.....	1.5*	2.3*	2.6*	2.5*	2.6*	3.1*	3.0*	
Poland.....	4.4*	3.0*	7.7*	10.6*	12.6*	17.0*	19.2*	22.8*
Rumania.....	7.0*	11.0*	17.1*	20.0*	21.5*	13.3*	16.0*	
Far East								
Communist China.....	1.0*	4.9*	11.3	7.6	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	
North Korea.....	<i>Negl.*</i>	0.1*	3.0*	4.0*	2.5*	3.0*	3.5*	6.0* ^e
Other								
Yugoslavia.....	5.2*	5.9*	7.3*	4.9*	5.4*	8.1*	9.0*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
France.....	92.3*	73.6* ^f	Italy.....	25.6*	53.5*	UK.....	144.1*	208.2* ^g
						West Germany ^h ...	118.4*	100.0*

* An asterisk indicates that the data are unclassified.

^a In terms of physical units.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO countries." The data exclude garden-type tractors.^c Midpoint of the range of 350,000 to 360,000 units.^d Production began in 1960 but was limited to a test series.^e Revised plan for 1965. The original plan was for 10,000 units.^f Excluding tractors for public works.^g Deliveries to agriculture.^h Excluding tracklaying tractors.

CHEMICALS and RUBBER



SULFURIC ACID

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Table 93

Production of Sulfuric Acid ^a
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	27,400*	29,800*	31,000*	31,000*	32,900*	35,000*	37,800*	
US ^c	14,470*	15,974*	16,223*	16,191*	17,873*	18,993*	20,771*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	6,840*	7,350*	7,890*	8,570*	9,280*	10,300*	11,500*	
USSR.....	4,803*	5,082*	5,398*	5,718*	6,132*	6,885*	7,647*	9,000* ^d
Eastern Europe.....	2,040*	2,270*	2,500*	2,850*	3,150*	3,430*	3,860*	
Bulgaria.....	64*	91*	123*	192*	247*	269*	291*	330*
Czechoslovakia.....	463*	513*	553*	599*	643*	725*	893*	
East Germany.....	650*	689*	730*	819*	861*	919*	937*	1,231*
Hungary.....	148*	168*	178*	200*	224*	283*	316* ^e	380* ^e
Poland.....	573*	610*	685*	794*	852*	888*	1,004*	1,088*
Rumania.....	144*	199*	226*	248*	326*	343*	417*	734*
Far East								
Communist China.....	740*	1,050*	1,350*	N.A.	1,100	1,500	2,000	
North Korea.....	234*	216*	255*	273*	316*	321*	N.A.	
North Vietnam.....	0	0	0	Negl.	14	28	36	
Other								
Cuba.....	32*	37	44	93	110	125	150	207
Yugoslavia.....	125*	128*	130*	255*	286	391*	472*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	1,087*	1,347*	Greece.....	91*	80* ^g	Portugal.....	266*	407*
Canada.....	1,439*	1,752* ^f	Italy.....	2,031*	2,683*	Turkey.....	20*	19* ^e
Denmark.....	184*	208* ^g	Netherlands.....	761*	975*	UK.....	2,277*	3,184*
France.....	1,824*	2,669*	Norway.....	82*	101* ^g	West Germany.....	2,917*	3,600* ^h

* An asterisk indicates that the data are unclassified.

^a Data include production expressed in terms of pure (monohydrate) sulfuric acid (100 percent H₂SO₄).^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data include appreciable amounts of sulfuric acid produced in government-owned privately operated plants.^d Revised plan for 1965. The original plan was for 11 million metric tons.^e Excluding oleum.^f Data are for 1963 and are included in the NATO total for 1964.^g Data are for 1962 and are included in the NATO totals for 1963-64.^h Including data related to West Berlin, for which separate data are not available.

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SYNTHETIC AMMONIA

Table 94

Production of Synthetic Ammonia *
1958-64 and 1965 Plan

Thousand Metric Tons of Nitrogen

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	6,320*	6,730* ^c	7,320* ^c	8,270*	9,030*	9,950*	N.A.*	
US ^d	2,894*	3,372*	3,595*	3,885*	4,335*	4,986*	5,641*	
COMMUNIST COUNTRIES								
Soviet Bloc	1,710	1,960	2,190	2,420	2,780	3,290	3,900	
USSR	905	1,036	1,184	1,357	1,629	2,023	2,407	3,175 *
Eastern Europe	808	927	1,010	1,060	1,150	1,260	1,490	
Bulgaria	58*	82*	111*	118*	127*	144*	283*	
Czechoslovakia	94	124	124	126	132	131	135	
East Germany	365*	376*	392*	396*	404*	412*	420*	
Hungary	42*	61*	67*	79*	84*	93*	104*	
Poland	232*	268*	284*	303*	341*	371*	407*	453*
Rumania	17*	16*	29*	42*	58*	113*	143*	220 *
Far East								
Communist China	195	275	300	N.A.	370	490	N.A.	
North Korea	102	105	111	115	136	136	N.A.	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium	275*	315*	Italy	501*	848*	Portugal	30*	110*
Canada	313*	600*	Netherlands . . .	348*	450*	West Germany . . .	1,121*	1,409*
France	593*	936*	Norway	241*	300*			

* An asterisk indicates that the data are unclassified.

* Data refer to synthetic ammonia as stated in terms of nitrogen content. To convert to actual production of synthetic ammonia, multiply by 1.2158.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding data for Canada.^d Synthetic anhydrous (commercial grade).

* Estimated plan for 1965.

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SODA ASH

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Table 95

Production of Soda Ash ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	6,290*	7,080*	7,020*	6,930*	7,120*	7,250*	N.A.*	
US ^c	3,923*	4,449*	4,135*	4,097*	4,179*	4,247*	4,491*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	2,800*	2,950*	3,290*	3,570*	3,910*	4,180*	4,470*	
USSR.....	1,607*	1,642*	1,793*	2,009*	2,215*	2,418*	2,603*	3,300*
Eastern Europe.....	1,200*	1,310*	1,500*	1,560*	1,700*	1,770*	1,870*	
Bulgaria.....	99*	114*	128*	123*	171*	198*	217*	220*
Czechoslovakia.....	89*	84*	74*	76*	62*	57*	59*	
East Germany.....	553*	559*	594*	599*	646*	653*	671*	730*
Poland ^d	372*	448*	522*	525*	530*	532*	584*	598*
Rumania.....	82*	104*	180*	235*	285*	327*	340*	
Far East								
Communist China.....	640*	800*	800*	N.A.	N.A.	N.A.	N.A.	
North Korea.....	14*	18*	16*	24	26	28	N.A.	
Other								
Yugoslavia.....	77*	92*	89*	90*	96*	91*	92*	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium.....	174*	215*	Netherlands...	88*	134*	Portugal.....	31*	40*
France.....	736*	927*	Norway.....	19*	20*	West Germany...	902*	1,054*
Italy.....	416*	611*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for total production of soda ash (sodium carbonate-Na₂CO₃), excluding, as far as possible, natural sodium carbonate and sodium bicarbonate but including tonnage not commercialized but used on the spot for processing. Data on production for the USSR and Communist China include natural sodium carbonate.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding production of electrolytic soda ash and natural soda ash.^d Including heavy soda.

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CAUSTIC SODA

Table 96

Production of Caustic Soda *
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	5,460*	6,330*	6,860* ^o	6,970*	7,640*	8,230*	N.A.*	
US.....	3,623*	4,308*	4,510*	4,443*	4,955*	5,274*	5,642*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	1,260*	1,350*	1,420*	1,640*	1,770*	1,880*	2,040*	
USSR.....	652*	696*	704*	825*	884*	965*	1,061*	1,306* ^d
Eastern Europe.....	606*	651*	717*	813*	883*	918*	983*	
Bulgaria.....	14*	16*	17*	18*	18*	20*	29*	37*
Czechoslovakia.....	93*	100*	115*	133*	142*	144*	144*	
East Germany.....	296*	304*	327*	335*	355*	356*	365*	
Hungary.....	17*	16*	17*	19*	24*	40*	39*	42
Poland.....	145*	153*	167*	179*	188*	192*	206*	215*
Rumania.....	41*	62*	74*	129*	156*	166*	200*	
Far East								
Communist China.....	270*	364*	450	N.A.	340	350	N.A.	
North Korea.....	14*	24*	25*	26*	32*	43*	N.A.	
Other								
Cuba.....	2	2	2	1	1	1	1	
Yugoslavia.....	42*	48*	48*	49*	54*	70*	75*	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium.....	31*	49*	Greece.....	1*	2* ^o	Portugal.....	19*	28*
Canada.....	285*	430*	Italy.....	254*	567*	Turkey.....	3*	1* ^o
Denmark.....	3*	5* ^o	Netherlands...	70*	140*	West Germany...	636*	1,046*
France.....	495*	641*	Norway.....	42*	50*			

* An asterisk indicates that the data are unclassified.

* Data include 100 percent caustic soda (NaOH) and include tonnage not commercialized but used on the spot for processing.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^o Excluding Denmark.^d Estimated plan for 1965.^o Data are for 1962 and are included in the NATO total for 1963.

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MINERAL FERTILIZER, NUTRIENT CONTENT

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Table 97

Production of Mineral Fertilizer, Nutrient Content ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan ^b
NATO COUNTRIES ^c	17,100*	18,100*	18,700*	19,900*	20,700*	N.A.*	N.A.*	
US.....	7,042*	7,402*	7,410*	8,114*	8,829*	10,004*	11,133*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	5,740*	6,030*	6,420*	6,870*	7,600*	8,420*	10,100*	
USSR.....	2,952*	3,064*	3,280*	3,593*	4,078*	4,646*	5,983*	7,835*
Eastern Europe.....	2,790*	2,960*	3,140*	3,280*	3,530*	3,770*	4,120*	
Bulgaria.....	56*	93*	124*	143*	164*	172*	292*	356*
Czechoslovakia.....	225*	268*	287*	314*	334*	357*	399*	456*
East Germany.....	2,026*	2,028*	2,080*	2,092*	2,179*	2,290*	2,343*	2,798*
Hungary.....	69*	91*	102*	124*	146*	168*	188*	251*
Poland.....	382*	430*	477*	517*	573*	600*	675*	717*
Rumania.....	29*	52*	71*	86*	131*	188*	219*	342*
Far East								
Communist China.....	266	366	486	274	412	568	N.A.	
North Korea.....	94	102	133	157	171	184	N.A.	
North Vietnam.....	6	9	9	10	13	22	25	
Other								
Cuba.....	7	7 ^d	14	6	12	12	10	
Yugoslavia.....	65*	65*	59*	90*	118*	230*	315*	409*

Other NATO Countries

	1958	1962		1958	1962		1958	1962
Belgium.....	623*	572*	Iceland.....	5*	6*	Portugal.....	101*	136*
Canada.....	382*	544* ^e	Italy.....	940*	1,263*	Turkey.....	5*	49*
Denmark.....	88*	91*	Luxembourg...	110*	127*	UK.....	715*	919*
France.....	2,757*	3,263*	Netherlands...	568*	605*	West Germany...	3,400*	3,878*
Greece.....	53*	52*	Norway.....	278*	339*			

* An asterisk indicates that the data are unclassified.

^a Including, where produced, nitrogen fertilizers (in terms of nitrogen), phosphorous fertilizers (in terms of phosphoric anhydride), and potassium fertilizers (in terms of potassium oxide).

^b Estimated plan for 1965.

^c The years for the NATO data are "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.

^d Excluding nitrogen fertilizers.

^e Data are for 1961/62 and are included in the NATO total for 1962.

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MINERAL FERTILIZER
PLASTICS

Table 98

Production of Mineral Fertilizer for the US and the USSR
1958-64 and 1965 Plan
(In Terms of Soviet Statistical Reporting Units ^a)

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	30,305*	31,609*	32,320*	35,106*	38,719*	44,235*	49,546*	
USSR.....	12,419*	12,916*	13,867*	15,322*	17,258*	19,935*	25,600*	33,500*

* An asterisk indicates that the data are unclassified.

^a For statistical purposes, Soviet production of fertilizers is usually reported as follows: nitrogen fertilizers are computed on the basis of fertilizers containing 20.5 percent nitrogen, potassium fertilizers on the basis of 41.6 percent potassium oxide, and most phosphorus fertilizers on the basis of 18.7 percent phosphorus pentoxide. In addition, total production includes an insignificant quantity of microfertilizers.

^b Data are based on US production given in pure nutrients and recomputed to conform to the Soviet method for expressing production. The years for US data represent "fertilizer years"—that is, the year beginning 1 July of the stated year.

Table 99

Production of Plastics for the US and the USSR ^a
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	2,113*	2,732*	2,851*	3,111*	3,674*	4,064*	4,608*	
USSR.....	258*	293*	332*	404*	473*	589*	720*	920* ^c

* An asterisk indicates that the data are unclassified.

^a Because of differences in definition and product mix, Soviet and US data on plastics are not strictly comparable. For the overall category of plastics, however, there is enough similarity to permit broad comparisons.

^b Dry basis, excluding water, solvents, and other liquid diluents. Data have been revised to include some products previously excluded and, therefore, differ somewhat from the previous *Handbook*.

^c Revised plan for 1965. The original plan was for about 1.8 million metric tons.

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REFINED BENZOL

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Table 100

Production of Refined Benzol in the US and the Communist Countries
1958-64 and 1965 Plan

							Thousand Metric Tons	
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US.....	953.5*	1,152.5*	1,518.5*	1,810.8*	1,814.2*	2,169.1*	2,543.1*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	558	626	700	783	897	1,010	1,140	
USSR.....	401.0	456.0	520.0	593.0	676.0	771.0	879.0	1,000 *
Eastern Europe.....	157	170	180	190	221	239	256	
Bulgaria.....	0	0	0	0	0	0	3.6	6*
Czechoslovakia.....	55.3	59.1	63.4	64.0	67.0	69.7	70.7	
East Germany.....	11.4	12.2	11.9	12.0	12.0	15.0	25.0	56*
Hungary.....	1.4*	4.0*	3.0*	6.0*	5.1*	6.3*	6.3*	
Poland.....	87.4	88.0	93.0	97.3	102.9	103.5	105.8	
Rumania.....	1.7*	6.6*	8.3*	10.3*	33.6*	44.5*	45.0*	
Far East								
Communist China.....	50.0	68.0	N.A.	N.A.	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

* Estimated plan for 1965.

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NATURAL RUBBER

SYNTHETIC RUBBER

Table 101

Production of Natural Rubber in Selected Countries
1958-64

	Thousand Metric Tons						
	1958	1959	1960	1961	1962	1963	1964
Ceylon.....	101.8*	93.2*	98.8*	97.6*	104.0*	104.8*	111.6*
Indonesia ^a	696.2*	704.6*	620.2*	682.2*	681.6*	582.3*	657.8*
Malaysia ^b	733.6*	776.3*	792.6*	820.6*	830.5*	868.0*	900.0*
South Vietnam.....	71.7*	75.4*	76.6*	79.1*	75.2*	71.8*	73.0*
Thailand ^c	140.6*	174.0*	170.9*	185.6*	195.4*	189.8*	221.7*

* An asterisk indicates that the data are unclassified.

^a Including an estimate for production by smallholders of about 30,000 metric tons per year.^b Including production for Malaya and Singapore, Sarawak, and Sabah.^c Exports plus estimated consumption.

Table 102

Production of Synthetic Rubber
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	1,260*	1,660*	1,890*	1,950*	2,180*	2,330*	2,640*	
US.....	1,072*	1,402*	1,460*	1,426*	1,600*	1,634*	1,793*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	379	394	434	499	567	591	676	
USSR.....	293	302	326	377	443	457	524	645 ^b
Eastern Europe.....	86*	92	108	122	124	134	152	
Bulgaria.....	0*	0*	0*	0*	0*	0*	0*	35* ^c
Czechoslovakia.....	1*	1	1	1	1	2	2	
East Germany.....	85*	86*	87*	90*	90*	90*	91*	105*
Hungary.....	0*	0*	0*	0*	Negl.*	Negl.*	Negl. ^d	
Poland.....	0*	5*	20*	31*	33*	36*	40*	40* ^c
Rumania.....	0*	0*	0*	0*	0*	6*	19*	50*

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	0*	15*	Italy.....	20*	112*	UK.....	12*	156*
Canada.....	137*	201*	Netherlands.....	0*	91*	West Germany.....	23*	138*
France.....	0*	130*						

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Estimated plan for 1965.^c Based on the plan for 1967-68.^d Production estimated to be about 500 metric tons on the basis of the capacity of the new polyurethane foam unit.^e Revised plan for 1965. The original plan was for 45,000 metric tons.

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RUBBER TIRES

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CHEMICAL EQUIPMENT

Table 103

Production of Rubber Tires in the US and Selected Communist Countries ^a
1958-64 and 1965 Plan

	Thousand Units							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	100,222*	121,858*	123,086*	120,258*	137,641*	142,941*	162,317*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	19,400*	21,100*	23,500*	26,100*	28,600*	30,800*	33,200*	
USSR.....	14,395*	15,480*	17,225*	18,996*	20,846*	22,563*	24,400*	26,000* ^c
Eastern Europe.....	5,040*	5,620*	6,300*	7,110*	7,780*	8,250*	8,750*	
Bulgaria.....	133*	156*	196*	285*	328*	338*	403*	475* ^d
Czechoslovakia ^e	1,260*	1,281*	1,324*	1,442*	1,596*	1,594*	1,558*	
East Germany.....	1,980*	2,369*	2,714*	2,973*	3,091*	3,178*	3,200*	3,750*
Hungary.....	441*	428*	478*	559*	604*	644*	736*	796*
Poland ^f	953*	1,063*	1,233*	1,463*	1,572*	1,524*	1,647*	2,700* ^g
Rumania ^h	270*	318*	352*	386*	590*	976*	1,206* ^b	
Far East								
Communist China.....	1,500	1,800	1,800	N.A.	N.A.	N.A.	N.A.	
Other								
Cuba.....	265	326	341	361	391	363	450	
Yugoslavia ⁱ	145*	191*	391*	424*	517*	733*	932*	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data generally refer to motor vehicle tires including tractor tires and exclude aircraft and bicycle tires.^b Excluding motorcycle tires.^c Revised plan for 1965. The original plan was for 29 million tires.^d Midpoint of the range of production planned for 1965 of 450,000 to 500,000 tires.^e Excluding motorcycle and bus tires.^f Excluding motorcycle tires unless otherwise indicated.^g Probably including motorcycle tires.^h Including aircraft tires.ⁱ Including automobile and aircraft tires.

Table 104

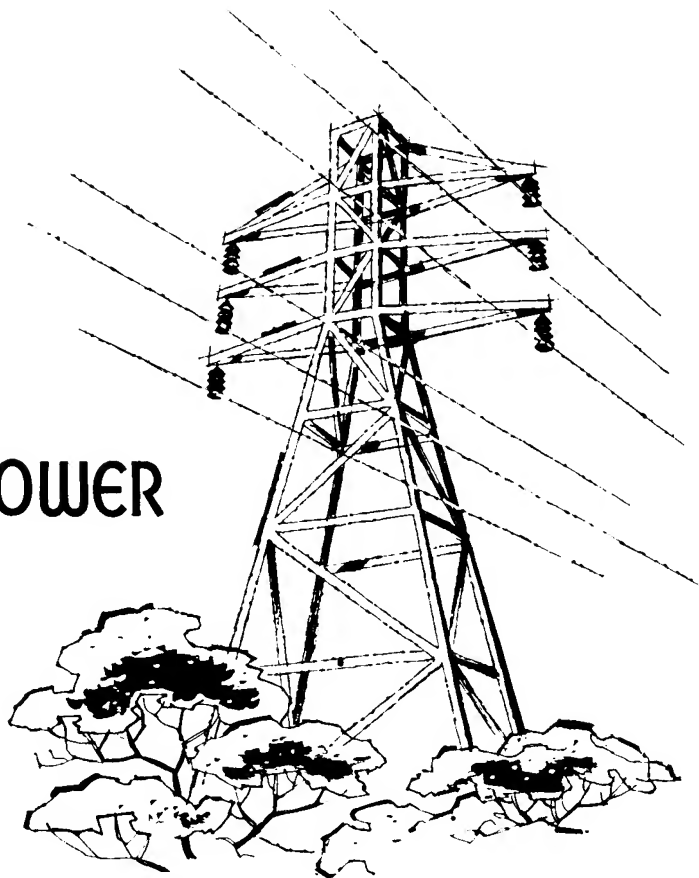
Production of Chemical Equipment in Selected Communist Countries
1958-64 and 1965 Plan

	Unit of Measure	1958	1959	1960	1961	1962	1963	1964	1965 Plan
USSR.....	Thousand tons ^a	N.A.	N.A.	N.A.	250*	273*	N.A.	N.A.	
	Million new rubles.....	112*	173*	226*	243*	266*	289*	342*	417* ^b
Bulgaria.....	Thousand tons.....	Negl.	Negl.	N.A.	N.A.	9*	9	9	
	Million leva.....	N.A.	N.A.	3*	3	3	3	3	
Czechoslovakia.....	Thousand tons.....	41*	50*	57*	91*	95*	91*	85*	
	Million korunas.....	450*	610*	794*	1,066*	1,387*	1,365*	1,275*	
East Germany.....	Thousand tons.....	48*	54	58	76	76	77	83	
	Million DME ^c	201*	226*	285*	320*	320	325	350	
Hungary.....	Thousand tons.....	26	29	30	34	37	38	38	
Poland.....	Thousand tons.....	32*	24*	29*	34*	35*	44*	49*	62*
Rumania.....	Thousand tons.....	9*	12*	17*	29*	41*	44*	52*	

* An asterisk indicates that the data are unclassified.

^a Tonnages are given in metric tons.^b Estimated plan for 1965. The original plan was for 350 million to 370 million new rubles.^c Deutsche Mark East (East German marks). Value figures are based on constant plan prices.

FUELS and POWER



PRIMARY ENERGY

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Table 105

Production of Primary Energy ^a
1958-64 and 1965 PlanMillion Metric Tons of Coal Equivalents ^b

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^c	2,030*	2,080*	2,130*	2,150*	2,230*	2,320*	2,420*	
US.....	1,335.3*	1,395.1*	1,429.2*	1,447.1*	1,506.5*	1,585.7*	1,644.8*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	837	884	941	997	1,070	1,140	1,220	
USSR.....	580.4*	620.5*	662.7*	705.5*	763.0*	821.4*	885.9*	941* ^d
Eastern Europe.....	257	264	279	292	306	320	333	
Bulgaria.....	7.8*	9.4*	10.3*	11.5*	13.0*	13.8*	16.2*	
Czechoslovakia.....	48.6*	47.9*	51.3*	54.8*	57.4*	59.4*	60.5*	
East Germany.....	70.4	70.2	73.6	77.2	80.2	82.5	83.0	
Hungary.....	13.5*	14.3*	15.1*	16.2*	16.8*	18.2*	19.0*	
Poland.....	84.7*	88.6*	93.5*	95.8*	98.8*	103.3*	108.8*	
Rumania.....	31.7*	33.5*	34.9*	36.4*	40.0*	42.7*	45.1*	
Far East								
Communist China.....	216.7	280.2	302.2	201.2	175.6	186.8	204.0	
North Korea.....	10.2*	11.8*	14.0*	15.6*	17.6*	18.4*	19.5*	
North Vietnam.....	1.4	2.0	2.4	2.6	3.2	3.1	3.2	
Other								
Albania.....	0.7*	0.9*	1.2*	1.3*	1.3*	1.3*	1.4*	
Yugoslavia.....	11.8*	13.2*	15.0*	15.8*	16.8*	18.9*	20.2*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium ^e	27.3*	21.6*	Iceland.....	0.2*	0.4*	Portugal.....	2.0*	2.8*
Canada.....	101.0*	176.3*	Italy.....	29.9*	38.8*	Turkey.....	5.5*	7.0*
Denmark.....	0.8*	0.5*	Netherlands.....	14.4*	15.4*	UK.....	221.0*	201.8*
France.....	79.4*	86.4*	Norway.....	15.3*	24.5*	West Germany ^f	193.3*	194.7*
Greece.....	0.8*	1.6*						

^a An asterisk indicates that the data are unclassified.^b Data refer to production of primary energy from major sources of supply, including coal, crude oil, natural gas, and hydroelectric power and exclude energy from minor sources such as peat, shale, and fuelwood.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d The following coefficients were used to convert the sources of primary energy into standard fuel equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.33; and hydroelectricity (1,000 kilowatt-hours), 0.55.^e Estimated plan for 1965.^f Including data for Luxembourg.^g Including data for the Saar.

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HARD COAL

Table 106

Production of Hard Coal ^a
1958-64 and 1965 Plan

	Million Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	870*	848*	836*	815*	836*	866*	889*	
US.....	389.4*	390.1*	391.5*	378.7*	395.5*	430.5*	449.5*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	482*	500*	516*	521*	535*	549*	569*	
USSR.....	353.0*	365.2*	374.9*	377.0*	386.4*	395.1*	410.0*	
Eastern Europe.....	129*	134*	141*	144*	148*	154*	159*	
Bulgaria.....	0.4*	0.5*	0.6*	0.6*	0.6*	0.7*	0.8*	0.9* ^c
Czechoslovakia.....	23.9*	25.1*	26.2*	26.2*	27.1*	28.2*	28.2*	
East Germany.....	2.9*	2.8*	2.7*	2.7*	2.6*	2.5*	2.4*	
Hungary.....	2.6*	2.7*	2.8*	3.1*	3.3*	3.7*	4.1*	
Poland.....	95.0*	99.1*	104.4*	106.6*	109.6*	113.2*	117.4*	118.5* ^d
Rumania.....	3.9*	4.1*	4.5*	4.9*	5.3*	5.7*	6.0*	
Far East								
Communist China ^e	230.0	300.0	330.0	240.0	210.0	215.0	220.0	
North Korea.....	4.2*	5.5*	6.8*	7.6*	8.6*	9.2*	9.6*	
North Vietnam.....	1.5	2.2	2.6	2.8	3.5	3.3	3.4	
Other								
Yugoslavia.....	1.2	1.3	1.3	1.3	1.2	1.3	1.3	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	27.1*	21.4*	Netherlands.....	12.3*	11.5*	Turkey.....	4.1*	4.4*
Canada.....	8.5*	8.5*	Norway ^f	0.3*	0.4*	UK ^g	219.3*	196.7*
France.....	57.7*	53.0*	Portugal.....	0.6*	0.4*	West Germany ^h ...	150.0*	142.2* ⁱ
Italy.....	0.7*	0.5*						
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
Australia ^j	20.8*	27.8*	Japan.....	49.7*	50.9*	Spain.....	15.4*	12.1*
India.....	46.1*	64.0*						

^a An asterisk indicates that the data are unclassified.^b Including anthracite and bituminous coal.^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^d Estimated production for 1965.^e Revised plan for 1965.^f Including a negligible amount of brown coal.^g Norwegian mines in Svalbard only.^h Excluding Northern Ireland.ⁱ Including the Saar.^j Including data related to West Berlin, for which separate data are not available.^k Including waste.

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BROWN COAL AND LIGNITE

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Table 107

Production of Brown Coal and Lignite
1958-64 and 1965 Plan

	Million Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	107*	107*	111*	113*	118*	122*	127*	
US.....	2.2*	2.5*	2.5*	2.7*	2.8*	2.5*	2.7*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	460*	460*	475*	492*	508*	531*	553*	
USSR.....	143.1*	141.4*	138.3*	133.5*	131.0*	136.6*	144.0*	
Eastern Europe.....	316*	318*	337*	359*	377*	395*	409*	
Bulgaria.....	12.4*	14.9*	16.6*	18.0*	20.2*	21.3*	24.8*	27.7* ^b
Czechoslovakia.....	56.4*	53.1*	57.9*	64.6*	68.8*	72.4*	74.6*	
East Germany.....	215.0*	214.8*	225.5*	236.9*	247.0*	254.2*	256.9*	
Hungary.....	21.6*	22.6*	23.7*	25.1*	25.3*	26.8*	27.4*	
Poland.....	7.5*	9.3*	9.3*	10.3*	11.1*	15.3*	20.3*	25*
Rumania.....	3.5*	3.8*	3.7*	3.8*	4.3*	4.6*	5.1*	
Far East ^c								
North Korea ^d	2.4*	3.1*	3.5*	3.8*	4.3*	4.5*	4.9*	
Other								
Albania.....	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4* ^e
Yugoslavia.....	17.8*	19.8*	21.4*	22.8*	23.5*	26.1*	28.3*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada.....	2.0*	1.8*	Greece.....	1.2*	3.8*	Portugal.....	0.2*	0.1*
Denmark.....	2.4*	1.5* ^f	Italy.....	0.8*	1.2*	Turkey.....	2.0*	2.4*
France.....	2.3*	2.2*	Netherlands.....	0.3*	Negl.*	West Germany...	93.5*	110.9* ^g
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
Australia.....	11.8*	19.3*	Japan.....	1.6*	0.7*	Spain.....	2.7*	2.5*
Austria.....	6.5*	5.8*	New Zealand....	1.9*	2.2*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Estimated plan for 1965.^c Negligible production for Communist China is included in Table 106, p. 117.^d Including unknown amounts of hard coal.^e Estimated production for 1965.^f Data are for 1963 and are included in the NATO total for 1964.^g Including data related to West Berlin, for which separate data are not available.

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METALLURGICAL COKE

Table 108

Production of Metallurgical Coke ^a
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	146,000*	143,000*	149,000*	143,000*	139,000*	141,000*	152,000*	
US.....	48,629*	50,679*	51,917*	46,911*	47,092*	49,240*	56,315*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	65,300*	68,900*	73,100*	75,700*	79,000*	82,900*	86,100*	
USSR.....	50,893*	53,403*	56,233*	58,604*	60,929*	63,873*	66,246*	74,000* ^c
Eastern Europe.....	14,400*	15,500*	16,900*	17,100*	18,100*	19,100*	19,900*	
Bulgaria ^d	10*	9*	20*	20*	8*	128*	471*	
Czechoslovakia.....	5,836*	6,287*	6,842*	7,009*	7,348*	7,742*	7,838*	9,750*
East Germany.....	995*	1,005*	1,008*	1,030*	1,031*	1,030*	1,350*	1,320*
Hungary ^e	335*	362*	499*	597*	654*	660*	661*	
Poland.....	6,647*	7,242*	7,712*	7,517*	7,920*	8,360*	8,403*	9,750*
Rumania.....	563*	609*	820*	940*	1,119*	1,141*	1,146*	1,600*
Far East								
Communist China ^f	10,400*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	260*	703*	817*	820*	1,170*	1,200*	1,200*	
North Vietnam.....	44*	50*	56*	56*	110*	110*	110*	
Other								
Yugoslavia.....	1,030*	1,070*	1,083*	1,099*	1,107*	1,090*	1,160*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	6,906*	7,401*	Italy.....	3,360*	4,683*	UK.....	18,747*	17,000*
Canada ^g	3,006*	3,939*	Netherlands ^h ...	4,123*	4,513*	West Germany ⁱ ...	47,753*	43,265*
France ^j	12,504*	13,928*	Turkey.....	557*	823* ^k			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include production of oven and beehive coke and exclude production of breeze coke.^b Net production, excluding coke consumed by coking plants. NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Revised plan for 1965.^d Prior to 1963, foundry coke, not suitable for blast furnaces. Production in 1963 and 1964 is believed to be primarily metallurgical coke.^e Data include metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.^f Excluding coke made in beehive, clamp, native, and "small modern" furnaces.^g Including breeze coke.^h Data are for 1963 and are included in the NATO total for 1964.ⁱ Including data for the Saar.

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CRUDE OIL

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Table 109

Production of Crude Oil •
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	363,000*	384,000*	385,000*	397,000*	408,000*	422,000*	433,000*	
US.....	330,955*	347,929*	347,975*	354,303*	361,656*	372,000*	376,710*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	126,000*	143,000*	161,000*	180,000*	200,000	221,000	238,000	
USSR.....	113,216*	129,557*	147,859*	166,068*	186,244*	206,069*	223,600*	242,000*
Eastern Europe.....	12,700*	13,000*	13,200*	13,600*	14,100	14,600	14,900	
Bulgaria.....	222*	192*	200*	207*	199*	173*	160*	
Czechoslovakia.....	106*	123*	137*	154*	177*	180*	190*	
East Germany.....	Negl.	Negl.	Negl.	6	30	50	30	
Hungary.....	830*	1,036*	1,217*	1,457*	1,641*	1,756*	1,800*	
Poland.....	175*	175*	194*	203*	202*	212*	282*	300*
Rumania.....	11,336*	11,438*	11,500*	11,582*	11,864*	12,233*	12,395*	
Far East								
Communist China ^c	2,260*	3,700*	4,600	4,500	5,000	5,800	6,700	
Other								
Albania.....	403*	479*	728*	771*	785*	751*	830*	1,000*
Cuba.....	45	27	20	N.A.	N.A.	30	30	
Yugoslavia.....	462*	592*	944*	1,341*	1,525*	1,611*	1,799*	2,200*
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada.....	22,365*	40,001*	Netherlands...	1,621*	2,268*	UK.....	81*	125* ^d
France.....	1,387*	2,847*	Turkey.....	329*	886*	West Germany...	4,432*	7,672* ^e
Italy.....	1,546*	2,586*						
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
Argentina.....	5,102*	14,291*	Iraq.....	35,670*	61,325*	Mexico.....	13,380*	16,470*
Colombia.....	6,441*	8,657* ^f	Kuwait.....	70,226*	106,818*	Qatar.....	8,222*	9,070*
Indonesia.....	16,274*	23,300*	Kuwait (Neutral			Saudi Arabia...	50,131*	86,090*
Iran.....	40,903*	80,970*	Zone).....	4,311*	19,503*	Venezuela.....	135,636*	177,997*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including synthetic crude oil.^d Data are for 1963 and are included in the NATO total for 1964.^e Including data related to West Berlin, for which separate data are not available.^f Including natural gasoline.

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PETROLEUM PRODUCTS

Table 110

Production of Petroleum Products ^a
1958-64 and 1965 Plan

	Million Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	490*	524*	550*	580*	614*	650*	696*	
US.....	343.2*	357.2*	360.3*	364.7*	373.3*	381.4*	388.0*	
COMMUNIST COUNTRIES ^c								
Soviet Bloc.....	110	123	136	148	165	180	196	
USSR ^d	92.7	104.5	116.1	126.3	141.5	155.0	168.0	180
Eastern Europe.....	17.7	18.6	20.1	21.2	23.2	25.0	28.0	
Bulgaria.....	0.1	0.1	0.1	0.1	0.1	0.5	1.5	1.8
Czechoslovakia.....	1.6	1.8	2.6	3.0	3.8	4.3	5.0	
East Germany.....	2.7	2.9	3.1	3.4	3.7	4.0	4.5	
Hungary.....	1.9*	2.2*	2.5*	2.8*	3.1*	3.2*	3.6*	
Poland.....	0.8*	0.8*	0.8*	0.9*	1.2*	1.4*	1.6*	
Rumania.....	10.6	10.8	11.0	11.0	11.3	11.6	11.8	
Far East								
Communist China.....	2.7	4.0	4.7	4.0	4.5	5.3	6.3	
Other								
Albania.....	0.3	0.3	0.3	0.4	0.4	0.4	0.4	
Cuba.....	3.4*	3.5*	3.1*	N.A.	N.A.	N.A.	N.A.	
Yugoslavia.....	1.0*	1.1*	1.3*	1.3*	1.7*	1.8*	1.8*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	6.2*	12.6*	Greece.....	Negl.*	1.8*	Portugal.....	1.1*	1.5*
Canada.....	30.4*	44.7*	Italy.....	22.6*	54.1*	Turkey.....	0.3*	4.1*
Denmark.....	Negl.*	2.9*	Netherlands.....	14.5*	26.3*	UK.....	30.2*	54.4*
France ^e	27.4*	49.2*	Norway.....	0.1*	2.9*	West Germany.....	13.8*	53.4*

* An asterisk indicates that the data are unclassified.

^a Data include, where produced, production of gasoline, kerosene, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and bitumen.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data for the Communist countries include production of products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.^d Excluding relatively small yields of synthetic stocks.^e Before 1 April 1962, including data for Algeria.

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NATURAL GAS

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Table 111

Production of Natural Gas
1958-64 and 1965 Plan

Million Cubic Meters

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	328,000*	361,000*	387,000*	406,000*	433,000*	463,000*	489,000*	
US ^b	312,344*	341,110*	361,637*	375,314*	392,944*	417,581*	436,116*	
COMMUNIST COUNTRIES ^c								
Soviet Bloc.....	38,400	47,000	57,800	72,400	88,800	107,000	127,000	
USSR ^b	28,085*	35,391*	45,303*	58,981*	73,525*	89,832*	108,500*	126,600* ^d
Eastern Europe.....	10,300	11,600	12,500	13,400	15,300	17,100	18,700	
Czechoslovakia.....	1,246*	1,490*	1,443*	1,410*	1,200*	1,100*	1,000*	
East Germany.....	25	23	40	40	50	100	100	
Hungary.....	379*	334*	342*	324*	340*	611*	780*	1,100*
Poland.....	382*	418*	541*	722*	791*	983*	1,231*	1,670*
Rumania ^e	8,313*	9,305*	10,142*	10,914*	12,906*	14,262*	15,600*	
Other								
Yugoslavia.....	46*	50*	53*	69*	95*	191*	270*	400*
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada.....	9,566*	37,516*	Italy.....	5,175*	7,672*	West Germany.....	344*	1,457* ^f
France.....	682*	5,089*	Netherlands.....	208*	765*			
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
Argentina.....	866*	3,660*	Japan.....	368*	1,836*	Venezuela.....	3,929*	6,080*
Indonesia ^g	2,087*	2,796* ^h	Mexico ^g	7,438*	14,280*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for NATO relate, as far as possible, to natural gas (net production) actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.

^b Data for the US are in terms of net marketed production and agree with the general definition for the NATO data. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste) which would include gas returned to reservoirs in order to maintain horizon pressure (about 11 percent of gross production in 1963) would be as follows (billion cubic meters):

1958	1959	1960	1961	1962	1963
354	387	411	423	442	470

A much smaller share of total production in the USSR is believed to be used for repressuring.

^c Data for the Communist countries are for gross production.

^d Revised plan for 1965. The original plan was for 149.8 billion cubic meters.

^e Including methane (dry) gas and wet gas from oilfields.

^f Including data related to West Berlin, for which separate data are not available.

^g Including gas used for repressuring and wasted.

^h Data are for 1963.

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ELECTRIC POWER

Table 112

Production of Electric Power ^a
1958-64 and 1965 Plan

Billion Kilowatt-Hours

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	1,260*	1,370*	1,470*	1,540*	1,660*	1,780*	1,910*	
US.....	768.50*	844.49*	893.72*	933.06*	1,001.42*	1,070.83*	1,146.54*	
Of which: Hydro.....	143.61*	141.16*	149.12*	155.22*	171.69*	168.69*	179.10*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	329*	368*	406*	452*	504*	555*	616*	
USSR.....	235.35*	265.11*	292.27*	327.61*	369.28*	412.42*	459.00*	510* ^c
Of which: Hydro.....	46.48*	47.63*	50.91*	59.12*	71.94*	75.86*	78.00*	95* ^d
Eastern Europe.....	94.1*	103*	114*	124*	135*	143*	157*	
Bulgaria.....	3.02*	3.87*	4.66*	5.41*	6.04*	7.20*	8.73*	10.1* ^e
Czechoslovakia.....	19.62*	21.88*	24.45*	26.96*	28.80*	29.86*	32.10*	35*
East Germany.....	34.87*	37.25*	40.30*	42.52*	45.06*	47.45*	51.04*	
Hungary.....	6.48*	7.09*	7.62*	8.37*	9.10*	9.70*	10.60*	11*
Poland.....	23.96*	26.38*	29.31*	32.21*	35.38*	36.95*	40.50*	44.5* ^e
Rumania.....	6.18*	6.82*	7.65*	8.66*	10.26*	11.68*	13.83*	17.8* ^e
Far East								
Communist China.....	28*	42*	47*	31*	30*	33*	36*	
North Korea.....	7.63*	7.81*	9.14*	10.04*	11.44*	11.78*	12.40*	
North Vietnam.....	0.16*	0.21*	0.26*	0.30*	0.37*	0.46*	0.55*	0.66*
Other								
Albania.....	0.15*	0.18*	0.19*	0.23*	0.24*	0.26*	N.A.	0.33*
Cuba.....	2.59*	2.81*	2.98*	3.03*	3.00*	3.06*	3.27*	3.5*
Yugoslavia.....	7.36*	8.11*	8.93*	9.92*	11.28*	13.54*	14.18*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	13.44*	20.76*	Iceland.....	0.46*	0.69*	Portugal.....	2.67*	4.71*
Canada.....	97.99*	135.48*	Italy.....	45.49*	73.49*	Turkey.....	2.30*	4.44*
Denmark.....	4.16*	7.92*	Luxembourg.....	1.32*	2.22*	UK.....	113.35*	183.94*
France.....	63.93*	97.60*	Netherlands.....	13.85*	22.96*	West Germany ^e ..	95.27*	164.45*
Greece.....	1.80*	3.78*	Norway.....	27.52*	44.83*			

Other Free World Countries

	1958	1964		1958	1964		1958	1964
India ^f	15.42*	34.08*	Spain.....	16.35*	27.03*	Sweden.....	30.35*	45.25*
Japan.....	85.41* ^f	174.30*						

^a An asterisk indicates that the data are unclassified.^a Data include total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote b, below.)^b Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.53 percent the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.^c Revised plan for 1965.^d Estimated plan for 1965.^e Before 1960, excluding data for the Saar.^f Data are for the year beginning 1 April of the stated year.

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ELECTRIC GENERATORS

SECRET

TURBINES

Table 113

Production of Electric Generators in the US and Selected Communist Countries *
1958-64 and 1965 Plan

	Thousand Kilowatts							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	17,833*	13,977*	12,899*	13,207*	12,573*	14,279*	14,899*	
COMMUNIST COUNTRIES								
Soviet Bloc								
USSR.....	5,186*	6,512*	7,915*	9,450*	11,022*	11,838*	12,838*	15,800*
Eastern Europe								
Bulgaria.....	0*	Negl.*	29*	52*	12*	6*	N.A.	
Czechoslovakia ^c	976*	1,111*	1,391*	1,542*	1,344*	1,133*	N.A.	
Hungary ^c	200*	N.A.	175	N.A.	150	150	N.A.	
Poland.....	140	175*	200*	200*	270	330	N.A.	600
Rumania.....	55*	61*	82*	123*	57*	106*	156*	
Far East								
Communist China.....	800	2,150*	1,500	400	300	200	200	
North Korea.....	5*	20*	14*	N.A.	40	50	50	

* An asterisk indicates that the data are unclassified.

^a Turbogenerators and hydrogenerators only. Production of diesel generators in most instances is believed to be negligible.

^b Shipments of units 4,000 kilowatts and larger.

^c Alternating current only.

Table 114

Production of Turbines in the US and Selected Communist Countries *
1958-64 and 1965 Plan

	Thousand Kilowatts							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	17,833*	13,977*	12,899*	13,207*	12,573*	14,279*	14,899*	
COMMUNIST COUNTRIES								
Soviet Bloc								
USSR ^c	6,647*	7,594*	9,200*	10,732*	11,900*	11,881*	13,247*	19,550* ^d
Eastern Europe								
Czechoslovakia.....	964*	1,168*	1,554*	968*	1,291*	2,006*	N.A.	2,590*
East Germany ^e	505*	632*	530*	800	N.A.	N.A.	N.A.	1,606*
Poland ^e	53*	35*	186*	271*	405*	460*	473*	
Rumania ^f	23*	81*	98*	84*	34*	25*	N.A.	
Far East								
Communist China.....	800	2,150*	1,500	400	300	200	200	
North Korea.....	5*	20*	14*	N.A.	40	50	50	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

^b Shipments of units 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the US are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

^c Including a small number of gas turbines.

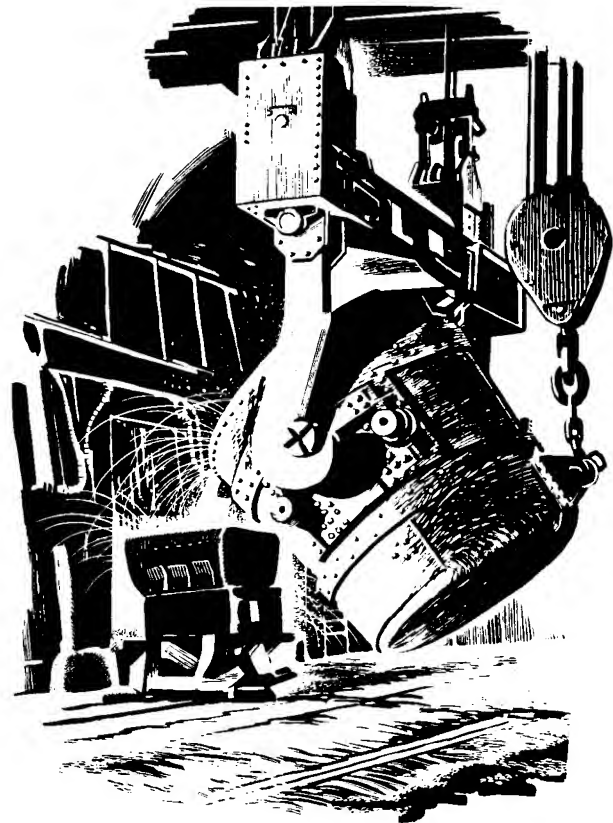
^d Midpoint of the range of production planned for 1965 of 18.7 million to 20.4 million kilowatts.

^e Steam turbines only.

^f Steam turbines of more than 500 kilowatts only.

SECRET

MINERALS and METALS



CRUDE STEEL

SECRET

Table 115

Production of Crude Steel •
1958-64 and 1965 Plan

Million Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	160*	175*	194*	192*	191*	204*	235*	
US ^c	77.34*	84.77*	90.07*	88.93*	89.20*	99.12*	115.15*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	72.4*	79.4*	86.5*	93.5*	101*	106*	112*	
USSR.....	54.92*	59.97*	65.29*	70.76*	76.31*	80.23*	85.00*	90.1* ^d
Eastern Europe.....	17.4*	19.4*	21.2*	22.8*	24.7*	25.3*	27.3*	
Bulgaria ^e	0.26*	0.28*	0.30*	0.39*	0.48*	0.52*	0.54*	0.64*
Czechoslovakia.....	5.51*	6.14*	6.77*	7.04*	7.64*	7.60*	8.38*	8.5* ^d
East Germany.....	3.46*	3.65*	3.79*	3.91*	4.09*	4.09*	4.35*	5.2*
Hungary.....	1.63*	1.76*	1.89*	2.05*	2.33*	2.37*	2.40*	2.6*
Poland.....	5.66*	6.16*	6.68*	7.23*	7.68*	8.00*	8.57*	9.1* ^d
Rumania.....	0.93*	1.42*	1.81*	2.13*	2.45*	2.70*	3.04*	3.3*
Far East								
Communist China.....	8.00*	13.35*	18.45*	N.A.	7 to 8	7 to 9	8 to 10	
North Korea.....	0.36*	0.45*	0.64*	0.78*	1.05*	1.02*	1.13*	
Other								
Cuba.....	N.A.	N.A.	N.A.	0.11	0.06	0.06	0.06	
Yugoslavia.....	1.12*	1.30*	1.44*	1.53*	1.60*	1.59*	1.68*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	6.01*	8.73*	Italy.....	6.27*	9.73*	Portugal.....	Negl.*	0.24*
Canada.....	3.96*	8.28*	Luxembourg...	3.38*	4.56*	Turkey.....	0.17*	0.40*
Denmark.....	0.26*	0.41*	Netherlands...	1.44*	2.65*	UK.....	19.88*	26.65*
France.....	14.60*	19.78*	Norway.....	0.37*	0.62*	West Germany *	22.78*	37.34* ^h
Greece.....	0.06*	0.21* ^f						

Other Free World Countries

	1958	1964		1958	1964		1958	1964
Australia ¹	3.18*	5.10*	Japan.....	12.12*	39.80*	Sweden.....	2.41*	4.49*
India.....	1.84*	5.97* ⁱ	South Africa ^j ...	1.83*	3.10*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for total production of ingots and steel for castings.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding steel for castings made in foundries operated by companies not producing ingots.^d Revised plan for 1965.^e Including an estimate for steel for castings for all years.^f Data are for 1963 and are included in the NATO total for 1964.^g Before 1960, excluding the Saar.^h Including data related to West Berlin, for which separate data are not available.ⁱ Ingots only.^j Including finished castings for sale.

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PIG IRON

Table 116

Production of Pig Iron and Blast-Furnace Ferroalloys ^a
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	113,000*	119,000*	136,000*	134,000*	134,000*	140,000*	165,000*	
US.....	52,406*	55,189*	61,072*	59,235*	60,138*	65,665*	78,211*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	50,700*	55,300*	60,200*	64,900*	70,600*	74,400*	79,700*	
USSR.....	39,600*	42,972*	46,757*	50,893*	55,265*	58,691*	62,400*	65,700* ^c
Eastern Europe.....	11,100*	12,400*	13,400*	14,000*	15,300*	15,800*	17,300*	
Bulgaria.....	91*	177*	192*	206*	223*	265*	489*	770* ^c
Czechoslovakia.....	3,774*	4,244*	4,696*	4,971*	5,177*	5,254*	5,716*	5,970* ^d
East Germany.....	1,775*	1,898*	1,995*	2,031*	2,075*	2,150*	2,260*	
Hungary.....	1,082*	1,104*	1,246*	1,306*	1,382*	1,388*	1,503*	1,650*
Poland.....	3,592*	4,088*	4,253*	4,427*	4,933*	4,993*	5,369*	
Rumania.....	737*	846*	1,014*	1,099*	1,511*	1,706*	1,924*	2,000*
Far East								
Communist China.....	13,690* ^e	20,500* ^f	27,500* ^g	N.A.	N.A.	N.A.	N.A.	
North Korea.....	320*	585*	752*	810*	1,058*	986*	1,128*	
North Vietnam.....	0*	0*	10*	10*	12*	15*	120	
Other								
Yugoslavia.....	748*	863*	972*	997*	1,050*	996*	1,026*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	5,519*	8,047*	Italy.....	2,107*	3,622*	Portugal.....	Negl.*	269*
Canada.....	2,868*	6,083*	Luxembourg ^h	3,285*	4,192*	Turkey.....	230*	290*
Denmark.....	44*	75*	Netherlands.....	917*	1,948*	UK.....	13,183*	17,557*
France.....	11,971*	16,121*	Norway.....	261*	885*	West Germany ⁱ ..	16,659*	27,304*
Other Free World Countries ^j								
	1958	1964		1958	1964		1958	1964
Australia ^k	2,316*	4,049* [~]	Japan.....	7,691*	24,449*	Sweden.....	1,404*	2,203* ^k
India.....	2,148*	6,680*	South Africa.....	1,582*	2,902*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include production of pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Revised plan for 1965.^d Estimated plan for 1965.^e Including 4.16 million metric tons of "native iron."^f Including 9.6 million metric tons made in "small blast furnaces," of which 5.9 million metric tons was usable for steelmaking.^g Including 13.4 million metric tons made in "small blast furnaces," of which 6.5 million metric tons was usable for steelmaking.^h Including small quantities of foreign-produced pig iron returned to furnaces.ⁱ Before 1960, excluding data for the Saar.^j Data may include some electric-furnace ferroalloys.^k Excluding ferroalloys.

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IRON ORE

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Table 117

Production of Iron Ore ^a
1958-64 and 1965 Plan

Million Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	181*	182*	218*	200*	204*	195*	216*	
US ^c	69.04*	60.44*	89.04*	72.70*	73.49*	73.41*	82.64*	
COMMUNIST COUNTRIES ^d								
Soviet Bloc.....	96.5*	102*	115*	128*	139*	149*	156*	
USSR.....	88.82*	94.02*	105.86*	117.63*	128.11*	137.50*	145.60*	151* ^e
Eastern Europe.....	7.67*	8.46*	9.34*	10.1*	10.6*	11.4*	10.6*	
Bulgaria.....	0.29*	0.38*	0.42*	0.42*	0.64*	0.66*	0.72*	2.12*
Czechoslovakia.....	2.80*	2.97*	3.12*	3.29*	3.48*	3.41*	2.86*	4.4* ^e
East Germany.....	1.51*	1.60*	1.64*	1.64*	1.64*	1.66*	1.65*	1.67*
Hungary.....	0.37*	0.44*	0.52*	0.60*	0.68*	0.73*	0.78*	
Poland.....	1.96*	2.01*	2.18*	2.39*	2.44*	2.61*	2.69*	3.12*
Rumania.....	0.74*	1.06*	1.46*	1.74*	1.74*	2.29*	1.95*	4*
Far East								
Communist China.....	59.00*	83.00*	83.00*	N.A.	N.A.	N.A.	N.A.	
North Korea.....	1.55*	2.70*	3.11*	3.54*	3.34*	3.86*	4.00* ^f	
North Vietnam.....	N.A.	N.A.	0.02*	0.02*	0.03*	0.07*	0.25	
Other								
Albania ^g	0.09*	0.18*	0.26*	0.36*	0.42*	0.26*	0.34*	
Yugoslavia.....	2.00*	2.10*	2.20*	2.18*	2.19*	2.30*	2.25*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	0.12*	0.06*	Greece.....	0.28*	0.30* ⁱ	Portugal.....	0.22*	0.28* ⁱ
Canada ^h	14.27*	34.86*	Italy.....	1.29*	0.91*	Turkey.....	0.98*	0.88*
Denmark.....	0.11*	0.06* ⁱ	Luxembourg.....	6.64*	6.68*	UK ^l	14.85*	16.59*
France.....	59.45*	60.94*	Norway ^j	1.55*	2.32* ^k	West Germany ^m	12.64*	9.60* ⁿ

Other Free World Countries

	1958	1964		1958	1964		1958	1964
Austria.....	3.41*	3.56*	Japan ^o	2.09*	2.52*	Sweden ^p	18.31*	26.64*
India.....	6.13*	14.86*	Spain.....	4.91*	5.21*	Venezuela.....	15.48*	15.66*

^{*} An asterisk indicates that the data are unclassified.^a Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The metal content of the ore in the NATO countries and other Free World countries is as follows: Austria, Luxembourg, and the UK, 27 to 31 percent; Belgium, France, and West Germany, 31 to 34 percent; Greece, Italy, Portugal, Spain, and the US, 47 to 50 percent; Canada and Japan, 55 percent; Sweden and Turkey, 60 to 61 percent; and India, Norway, and Venezuela, 57 to 62 percent. The metal content of iron ore in Denmark is not available.^c Excluding manganiferous iron ore containing 5 percent or more of manganese.^d The metal content of the ore in selected Communist countries is as follows: USSR, in terms of dressed ore, 55 percent of the ore; Communist China, 20 to 50 percent; North Korea, 40 to 50 percent; Albania, 50 to 55 percent (1 percent nickel); Bulgaria, 38 to 50 percent; Czechoslovakia, 34 percent; East Germany, 25 to 30 percent; Hungary, 24 to 28 percent; Poland, 30 percent; Rumania, 32 to 40 percent; Yugoslavia, 40 percent; and North Vietnam, 55 percent.^e Revised plan for 1965.^f Plan.^g Iron-nickel ore that is mined for its nickel content.^h Shipments.ⁱ Data are for 1963 and are included in the NATO total for 1964.^j Unless otherwise indicated, data exclude titaniferous ores and are for concentrates only.^k Including titaniferous ores.^l Excluding certain grades.^m Merchant ores and concentrates.ⁿ Including data related to West Berlin, for which separate data are not available.^o Including iron sand and pyrites.^p Including concentrates.

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MANGANESE ORE

Table 118

Production of Manganese Ore ^a
1958-64

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	389*	338*	189*	161*	130*	100*	N.A.*	
US ^c	297*	208*	73*	42*	22*	10*	N.A.*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	5,940*	6,050*	6,350*	6,440*	6,830*	7,170*	N.A.	
USSR.....	5,366*	5,516*	5,872*	5,972*	6,402*	6,663*	6,800*	
Eastern Europe.....	575*	533*	477*	469*	431*	506*	N.A.	
Bulgaria.....	28*	26*	25*	37*	35*	38*	55*	
Czechoslovakia.....	165*	156*	154*	101*	83*	85*	81*	
Hungary.....	182*	154*	123*	125*	124*	123*	127*	
Rumania.....	200*	197*	175*	206*	189*	260*	N.A.	
Far East								
Communist China.....	534*	1,234*	1,500*	N.A.	N.A.	N.A.	N.A.	
Other								
Cuba.....	68* ^d	53* ^d	16* ^e	89	79	81*	108* ^f	
Yugoslavia.....	10*	8*	13*	14*	15*	8*	8*	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Greece.....	20*	20*	Portugal.....	5*	19*	Turkey.....	23*	6*
Italy.....	44*	45*						
Other Free World Countries								
	1958	1963		1958	1963		1958	1963
Brazil.....	882*	1,197*	India.....	1,276*	1,075*	South Africa.....	847*	1,308*
Congo (Leopoldville)...	338*	316*	Japan.....	296*	277*			

* An asterisk indicates that the data are unclassified.

^a The metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries and Cuba, 30 to 50 percent; the USSR, about 45 percent; Communist China and Yugoslavia, about 35 percent; Rumania, 30 percent; Czechoslovakia, less than 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Shipments.^d Exports.^e US imports.^f Plan.

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REFINED NICKEL

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Table 119

Production of Refined Nickel ^a
1958-64 and 1965 Plan

								Metric Tons
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	136,000*	178,000*	205,000*	212,000*	207,000*	184,000*	N.A.*	
US ^c	10,650*	10,529*	12,975*	10,139*	10,176*	10,371*	12,000*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	59,600	65,100	71,700	81,700	89,800	98,700	105,000	
USSR.....	59,400	65,000	71,500	81,500	89,600	98,500	105,000	115,000 ^d
Eastern Europe.....	178	127	222	220	220	190	125	
East Germany.....	178	127	222	220	220	190	125	
Far East								
North Korea.....	0*	N.A.	200*	250*	300*	320*	320*	
Other								
Cuba ^e	17,946*	18,015*	14,700	17,858	22,292	21,304*	22,000*	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Canada ^f	69,264*	97,148*	Italy.....	75*	300*	UK.....	23,500*	38,070*
France ^g	7,828*	9,612*	Norway.....	23,589*	26,420*	West Germany...	1,133*	1,935*
Greece.....	240*	N.A.*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for production of refined metal.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data exclude Greece for all years except for 1958.

^c Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.

^d Estimated plan for 1965.

^e Nickel content of oxides and sulfides.

^f Production of nickel for Canada (refined nickel, nickel in oxide produced, and recoverable nickel in matte exported) was as follows (metric tons): for 1958, 126,600; for 1959, 169,200; for 1960, 194,600; for 1961, 211,400; for 1962, 215,000; and for 1963, 199,500. Much of this production is exported for refining in other countries, especially the UK and Norway.

^g Excluding production for New Caledonia.

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CHROMITE

Table 120

Production of Chromite ^a
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	309*	223*	279*	273*	264*	140*	N.A.*	
US ^c	52.0*	36.7* ^d	37.4* ^d	28.6* ^d	Negl.*	Negl.*	Negl.*	
COMMUNIST COUNTRIES ^e								
Soviet Bloc								
USSR.....	367.5	439.5	519.5	544.8	588.0	658.8	690.0	735 ^f
Far East								
North Vietnam.....	5.7*	6.6*	19.4*	29.5*	32.6*	30.3*	33.4*	
Other								
Albania.....	90.6*	111.5*	130.1*	104.6*	113.1*	132.1*	137.5*	
Cuba.....	27.0*	16.7* ^g	10.0* ^g	14.2	50.5	56.6*	60.0*	
Yugoslavia.....	29.9*	27.8*	25.4*	28.1*	26.1*	24.4*	23.0*	

Other NATO Countries

	1958	1963		1958	1963
Greece.....	26.2*	25.3* ^h	Turkey.....	231.1*	114.5*

* An asterisk indicates that the data are unclassified.

^a Data are for the estimated chromic oxide (Cr₂O₃) content of the ores mined. In many instances, data are only approximate.

^b NATO totals include only data for the US, Greece, and Turkey.

^c Shipments.

^d Production for the Federal Government only.

^e The following percentages were used to reduce the estimates of the ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania, at 45 percent; Cuba, at 35 percent; and Yugoslavia, at about 26 percent.

^f Estimated plan for 1965.

^g US imports.

^h Data are for 1962 and are included in the NATO total for 1963.

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MOLYBDENUM

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COBALT

Table 121

Production of Molybdenum *
1958-64 and 1965 Plan

								Metric Tons
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	19,300*	23,700*	31,500*	30,800*	23,900*	30,200*	30,600*	
US.....	18,629*	23,113*	30,952*	30,192*	23,244*	29,488*	29,500*	
COMMUNIST COUNTRIES								
USSR.....	4,050	4,400	4,800	5,200	5,300	6,370	6,700	7,300 °
Far East								
Communist China.....	3,800	3,800	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	160	160	160	175*	200*	200*	210*	
Other NATO Countries								
	1958	1964		1958	1964			
Canada.....	403*	900*	Norway.....	219*	249* ^d			
Other Free World Countries								
	1958	1964		1958	1964			
Chile.....	1,348*	3,180*	Japan.....	314*	360*			

* An asterisk indicates that the data are unclassified.

^a Including production of molybdenum content of ores and molybdenum concentrates.^b NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries."^c Estimated plan for 1965.^d Data are for 1963 and are included in the NATO total for 1964.

Table 122

Production of Cobalt *
1958-64

	Metric Tons						
	1958	1959	1960	1961	1962	1963	1964
FREE WORLD COUNTRIES							
Canada ^b	1,229*	1,429*	1,618*	1,443*	1,579*	1,277*	1,360*
Congo (Leopoldville) °.....	6,501*	8,431*	8,222*	8,326*	9,683*	7,303*	7,300*
Morocco.....	926*	1,207*	1,271*	1,290*	1,436*	1,371*	1,360*
Zambia °.....	1,626*	2,059*	1,847*	1,543*	863*	706*	540*
US.....	1,825*	1,057*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*
COMMUNIST COUNTRIES ^d							
USSR.....	1,200	1,400	1,640	1,840	2,155	2,520	2,600

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for the cobalt (Co) content of ores mined.^b Metal, salts, and oxides recovered from smelter products plus cobalt contained in cobalt ore and residues exported.^c Cobalt content of alloys.^d Bulgaria began production of cobalt concentrates in 1956, but quantities are not known. Communist China is believed to be producing a negligible amount of cobalt concentrates.

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TUNGSTEN ORE

Table 123

Production of Tungsten Ore *
1958-64

							Metric Tons	
	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	6,930*	6,430*	10,200*	11,200*	10,800*	6,620*	N.A.*	
US ^c	3,436*	3,310*	6,645*	7,480*	7,647*	5,132*	N.A.*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	10,100	11,100	12,200	13,400	14,000	16,000	16,000	
USSR.....	10,000	11,000	12,150	13,400	14,000	16,000	16,000	
Eastern Europe.....	149	142	0	0	0	0	0	
East Germany.....	149	142	0	0	0	0	0	
Far East								
Communist China.....	30,000	33,000	34,000	N.A.	N.A.	N.A.	N.A.	
North Korea.....	2,560*	2,790*	3,000*	3,100*	3,900*	4,000	4,200*	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Canada.....	522*	0*	Italy.....	9*	2*	UK.....	2*	0*
France.....	1,045*	0*	Portugal.....	1,913*	1,483*			
Other Free World Countries								
	1958	1963		1958	1963		1958	1963
Australia.....	1,440*	1,607*	Congo (Leopoldville) ^e ..	1,089*	202*	Spain.....	1,180*	145*
Boliva ^d	2,229*	2,280*	South Korea.....	3,263*	6,100*	Thailand.....	658*	205*
Burma ^e	998*	660*						

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data are for the estimated tonnage of tungsten concentrates, 60 percent tungsten trioxide (WO₃) basis.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Shipments.^d Exports.^e Including WO₃ in tin-tungsten concentrates.

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REFINED COPPER

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Table 124

Production of Refined Copper ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	2,450*	2,310*	2,850*	2,890*	2,930*	2,950*	3,120*	
US ^c	1,450.2*	1,223.3*	1,642.6*	1,661.8*	1,725.8*	1,722.8*	1,800.0*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	473 ^d	531	585	632	700	758	840	
USSR.....	406.3*	450.0*	490.0*	530.0*	590.0*	640.0*	700.0*	772* ^e
Eastern Europe.....	66.7 ^d	80.7	95.0	102	110	118	140	
Bulgaria.....	6.1* ^f	8.2*	14.0*	15.0*	18.3*	20.0*	20.6*	24* ^g
Czechoslovakia.....	8.1*	9.1*	10.1*	11.2*	12.3*	12.3*	12.3*	15.7*
East Germany.....	32.5	36.9*	39.2	38.8	39.5	40.0*	50.0	
Hungary.....	4.7*	5.0*	6.0*	7.0*	8.0*	8.0*	8.0*	
Poland.....	17.4*	17.5*	21.7*	22.2*	24.1*	29.6*	36.6*	36.5*
Rumania.....	4.0	4.0	4.0	7.5	7.5	8.6	12.5	
Far East								
Communist China.....	34.0*	55.0*	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	4.5*	6.8*	8.5*	10.0	12.0	14.0	16.0	
Other								
Albania ^f	0.9*	1.0*	0.9*	1.3*	1.9*	2.0*	2.2*	5* ^h
Yugoslavia.....	29.9*	31.6*	35.1*	30.1*	45.5*	49.0*	50.0*	51*
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	155.2*	280.0*	Italy.....	14.7*	12.2*	Turkey.....	12.4*	9.5*
Canada.....	298.7*	370.1*	Netherlands.....	0.4*	0*	UK.....	196.3*	245.1*
Denmark.....	0.3*	0*	Norway.....	13.7*	12.2*	West Germany...	268.2*	347.8*
France.....	31.6*	37.9*	Portugal.....	4.9*	3.3*			
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
Chile.....	187.8*	278.4*	India.....	8.0*	9.5*	Zambia.....	245.4*	497.1*
Congo (Leopoldville)...	130.5*	131.7*	Japan.....	124.0*	341.7*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including production from secondary plants and copper refined by manufacturers for their own use.^d Bulgarian data for 1958 are excluded from the totals because they refer to blister copper rather than refined metal.^e Estimated production for 1965.^f Blister copper.^g Revised Plan for 1965.^h Estimated plan for 1965.

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PRIMARY ALUMINUM

Table 125

Production of Primary Aluminum ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	2,510*	2,880*	3,200*	3,070*	3,340*	3,600*	4,000*	
US	1,420*	1,773*	1,828*	1,727*	1,921*	2,098*	2,316*	
COMMUNIST COUNTRIES								
Soviet Bloc	632	720	813*	912*	990*	1,070*	1,180	
USSR	510*	575*	650*	725*	800*	875*	975	
Eastern Europe	122	145	163*	187*	190*	193*	206	
Czechoslovakia	26*	41*	52*	53*	54*	56*	56*	
East Germany	34	35	35*	35*	35*	35*	45	58* ^c
Hungary	40*	46*	50*	51*	53*	55*	57*	58*
Poland	22*	23*	26*	48*	48*	47*	48*	48*
Rumania	0*	0*	0*	0*	0*	0*	0*	25* ^d
Far East								
Communist China	49	70	80	N.A.	80	80	80	
Other								
Yugoslavia	22*	19*	25*	27*	28*	36*	35*	40*

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Canada	575*	757*	Italy	64*	116*	UK	27*	32*
France	169*	315*	Norway	121*	248*	West Germany . . .	137*	220* ^e

Other Free World Countries

	1958	1964		1958	1964
India	8*	55*	Japan	85*	265*

* An asterisk indicates that the data are unclassified.

^a Including production of primary (virgin) aluminum from domestic and imported ores.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Estimated production for 1965.^d Midpoint of the range of production planned for 1965 of 20,000 to 30,000 metric tons.^e Including data related to West Berlin, for which separate data are not available.

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BAUXITE

SECRET

Table 126

Production of Bauxite
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	4,320*	4,700*	5,300*	4,920*	5,180*	5,130*	5,560*	
US.....	1,332*	1,727*	2,030*	1,248*	1,391*	1,549*	1,596*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	3,460	3,730	4,390	5,060	5,780	5,810	6,060	
USSR ^b	2,340	2,724	3,110	3,624	4,280	4,440	4,560	
Eastern Europe.....	1,120*	1,010*	1,280*	1,440*	1,500*	1,370*	1,500*	
Hungary.....	1,049*	938*	1,190*	1,366*	1,473*	1,362*	1,500*	1,582* ^c
Rumania.....	73*	71*	88*	69*	30*	10*	N.A.	
Far East								
Communist China ^d	392	563	640	N.A.	640	640	640	
Other								
Yugoslavia.....	733*	815*	1,025*	1,232*	1,332*	1,285*	1,293*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
France.....	1,830*	2,425*	Italy.....	299*	236*	West Germany...	4*	4*
Greece.....	857*	1,301* ^e						
Other Free World Countries								
	1958	1964		1958	1964		1958	1964
British Guiana.	1,611*	2,507*	Jamaica.....	5,814*	7,653*	Surinam.....	2,988*	3,560*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Excluding nonbauxite ore such as nepheline and alunite for the production of alumina.^c Revised plan for 1965.^d Including only aluminous shales and clays used for the manufacture of aluminum but excluding shales exported and those used for refractories, abrasives, and cement.^e Data are for 1963 and are included in the NATO total for 1964.

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LEAD

Table 127

Smelter Production of Lead *
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	906*	796*	856*	928*	841*	906*	N.A.*	
US ^c	425.8*	309.2*	346.9*	407.8*	341.1*	358.1*	N.A.*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	386	416	450	471	497	523	585	
USSR.....	288.0*	306.0*	324.0*	343.0*	364.0*	385.0*	408.0*	433* ^d
Eastern Europe.....	97.5	110	126	128	133	138	177	
Bulgaria.....	26.1*	32.7*	40.4*	40.9*	43.7*	51.0*	87.0*	91.5*
Czechoslovakia.....	9.1*	11.8*	15.4*	15.8*	16.2*	16.2*	16.2*	17.5*
East Germany.....	9.5	10.0	10.4	11.3	11.6	11.6	12.0	
Hungary.....	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1 ^d
Poland ^e	35.8*	38.7*	39.7*	39.8*	40.7*	38.9*	41.5*	41.5*
Rumania ^e	16.5	16.5	20.0	20.0	20.0	20.0	20.0	
Far East								
Communist China.....	45.0	70.0	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	19.0*	22.0*	34.0	40.0*	43.0*	47.0*	51.0*	
Other								
Yugoslavia.....	84.3*	85.4*	89.1*	90.4*	97.9*	104.2*	101.1*	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium ^f	95.9*	98.4*	Greece.....	3.9*	3.5*	Turkey.....	1.5*	1.6*
Canada.....	122.3*	183.6*	Italy.....	47.6*	41.9*	UK.....	3.8*	0.3*
France.....	70.6*	77.6*	Portugal.....	0.7*	1.0*	West Germany.....	134.2*	139.7*

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data refer to smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Refined lead produced from imported base bullion is not included.^d Estimated plan for 1965.^e Probably including some secondary metal.^f Including secondary metal but excluding refined lead produced from imported base bullion.

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REFINED ZINC

SECRET

Table 128

Production of Refined Zinc ^a
1958-64 and 1965 Plan

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	1,740*	1,800*	1,850*	1,930*	1,920*	1,920*	2,090*	
US ^c	751.0*	777.0*	787.7*	818.3*	851.2*	864.4*	935.0*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	507	540	575	600	662	682	711	
USSR ^d	315.0*	344.0*	364.0*	377.0*	403.0*	419.0*	436.0*	504* ^e
Eastern Europe.....	192	196	211	223	258	263	275	
Bulgaria.....	8.2*	9.1*	16.9*	22.1*	51.7*	56.0*	59.0*	62* ^f
Czechoslovakia.....	1.7*	1.8*	2.0*	2.2*	2.6*	3.0*	3.0*	4.3*
East Germany ^g	4.0	4.0	4.1	4.0	10.0	10.0	13.0	19.8 ^h
Hungary.....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
Poland.....	162.6*	168.1*	175.5*	182.0*	181.3*	181.2*	186.9*	186* ^f
Rumania.....	15.0*	12.5	12.5	12.5	12.5	12.5	12.5	
Far East								
Communist China.....	29.0	50.0	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	18.0*	30.0	55.0*	62.0*	66.0*	71.0*	75.0*	
Other								
Yugoslavia.....	31.2*	32.0*	35.9*	36.9*	39.3*	42.2*	44.5*	45*
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	214.8*	218.0*	Italy.....	74.0*	79.0*	UK.....	75.8*	111.0*
Canada.....	228.7*	306.5*	Netherlands.....	26.6*	37.0*	West Germany...	179.3*	167.4*
France.....	148.0*	190.0*	Norway.....	45.5*	48.0*			
Other Free World Countries								
	1958	1964		1958	1964			
Japan.....	141.0*	316.1*	Mexico.....	57.5*	59.0*			

^a An asterisk indicates that the data are unclassified.^b Unless otherwise indicated, data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^d Including production from secondary smelters. Production of primary zinc in the US was as follows (in metric tons): 1958, 708,700; 1959, 724,500; 1960, 725,300; 1961, 768,200; 1962, 797,800; 1963, 809,700; and 1964, 888,000.^e Primary metal only, representing slightly less than 80 percent of total production. For example, total production in 1964 was estimated to be 555,000 metric tons.^f Estimated plan for 1965.^g Revised plan for 1965.^h Annual production consists of zinc produced from scrap except for 100 to 200 metric tons before 1962, 6,100 metric tons in 1962, 6,100 metric tons in 1963, 9,000 metric tons in 1964, and 16,000 metric tons estimated for 1965.ⁱ Estimated production for 1965.

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PRIMARY TIN METAL

Table 129

Smelter Production of Primary Tin Metal ^a
1958-64

Thousand Metric Tons

	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	65.3*	55.9*	56.8*	44.1*	39.8*	34.0*	42.2*	
US ^c	5.3*	10.9*	13.7*	8.6*	5.6*	1.5*	2.9*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	10.0	10.7	11.4	12.1	12.8	13.5	14.3	
USSR.....	9.2	9.9	10.6	11.3	12.0	12.7	13.4	
Eastern Europe.....	0.8	0.8	0.8	0.8	0.8	0.8	0.9	
East Germany ^d	0.8	0.8	0.8	0.8	0.8	0.8	0.9	
Far East								
Communist China.....	27.0	30.0	N.A.	N.A.	N.A.	N.A.	N.A.	
North Vietnam.....	0.2	0.4*	0.5*	0.6*	0.6*	N.A.	N.A.	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Belgium.....	8.9*	5.5*	Portugal.....	1.3*	0.6*	West Germany.....	0.7*	1.1*
Netherlands.....	17.4*	14.8*	UK.....	31.8*	17.1*			
Other Free World Countries								
	1958	1964		1958	1964			
Japan.....	1.3*	2.0*	Malaysia.....	46.1*	72.5*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include production of primary (virgin) metal and exclude tin derived from scrap or detinning.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Estimated data based on imports of tin concentrates.^d Common commercial grade tin (99.0 percent).

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PRIMARY MAGNESIUM

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Table 130

Production of Primary Magnesium ^a
1958-64 and 1965 Plan

							Thousand Metric Tons	
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	51.6*	52.2*	64.9*	71.6*	97.6*	105*	111*	
US.....	27.3*	28.2*	36.4*	37.0*	62.6*	68.8*	71.7*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	18.0	21.1	25.3	30.8	34.3	39.3	47.0	
USSR.....	18.0	21.0	25.0	30.5	34.0	39.0	47.0	66.5
Eastern Europe								
Hungary ^c	0*	0.1*	0.3*	0.3*	0.3*	0.3*	N.A.	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada.....	6.2*	7.9*	Italy.....	4.2*	5.7*	UK ^d	2.4*	3.8*
France.....	1.7*	1.0*	Norway.....	9.2*	20.0*	West Germany...	0.6*	0.5* ^e

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for production of primary (virgin) magnesium (ingots and ingot equivalent of other forms).^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Planned levels of production.^d Including remelt alloys.^e Data are for 1963 and are included in the NATO total for 1964.

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TITANIUM SPONGE METAL

Table 131

Production of Titanium Sponge Metal in the US and the USSR ^a
1958-64 and 1965 Plan

1958-61 and 1965 Plan								Metric Tons
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US.....	4,159*	3,536*	4,818*	6,103*	6,105*	7,148*	N.A.*	
USSR.....	3,000	3,000	4,000	4,000	5,000	5,000	5,000	6,000 ^b

* An asterisk indicates that the data are unclassified.

^a Raw titanium in the form of sponge metal produced by the Kroll method from rutile or ilmenite concentrates.

^b Estimated plan for 1965.

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METALLURGICAL EQUIPMENT

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Table 132

Production of Metallurgical Equipment in the Communist Countries ^a
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
COMMUNIST COUNTRIES								
USSR.....	176.1*	200.8*	218.3*	213.9*	240.1*	235.6*	232.0*	
Czechoslovakia.....	76.2*	88.1*	90.7*	109.0*	112.0*	103.8*	N.A.	183*
East Germany ^b	14.5*	13.8*	15.9*	16.9*	17.4*	20.3*	N.A.	
Poland.....	12.1*	16.0*	21.7*	31.3*	28.0*	32.4*	34.5*	40*
Rumania.....	15.3*	19.3*	26.0*	27.0*	29.5*	32.7*	39.9*	
Communist China ^c	110.0*	205.0*	N.A.	N.A.	N.A.	N.A.	N.A.	

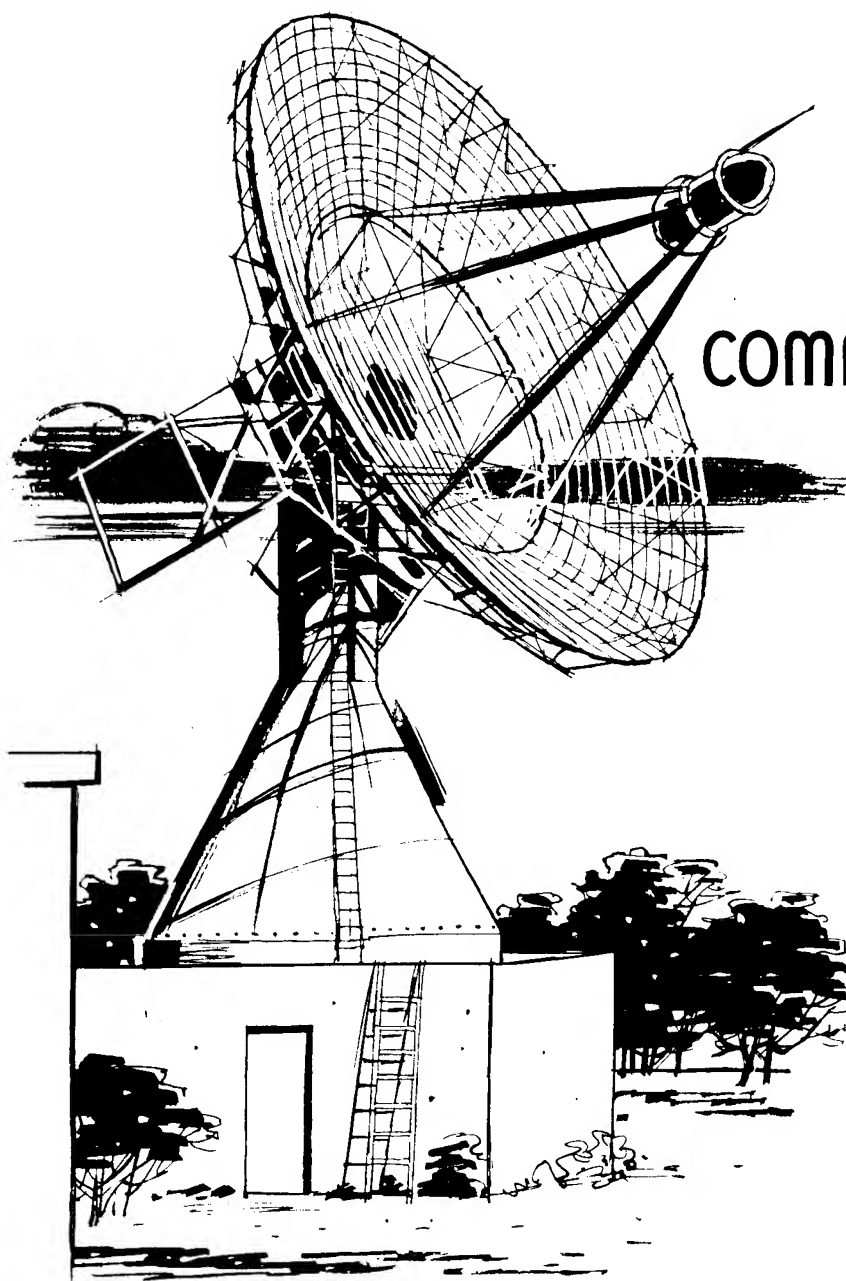
* An asterisk indicates that the data are unclassified.

^a Including rolling mill equipment; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of the total physical volume. Data are not available for the US in terms of metric tons.

^b Rolling mill equipment only. Production data are not available for all metallurgical equipment.

^c Including large quantities of small-scale equipment normally not produced in other Communist countries.

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COMMUNICATIONS

TELEPHONES IN USE

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Table 133

Number of Telephones in Use *
1958-65

Thousand Telephones

	1958	1959	1960	1961	1962	1963	1964	1965 ^b
NATO COUNTRIES.....	96,400*	102,000*	108,000*	113,000*	119,000*	125,000*	N.A.*	N.A.*
US.....	66,888*	70,820*	74,342*	77,422*	80,969*	84,453*	88,400*	92,900*
COMMUNIST COUNTRIES ^c								
Soviet Bloc.....	5,720*	6,210*	6,680*	7,220*	7,800*	8,360*	8,960*	9,590*
USSR.....	2,370*	2,513*	2,697*	2,932*	3,215*	3,479*	3,740*	4,000*
Eastern Europe.....	3,350*	3,690*	3,980*	4,280*	4,590*	4,880*	5,220*	5,590*
Bulgaria.....	140*	158*	172*	190*	206*	226*	240*	260*
Czechoslovakia.....	790*	936*	1,016*	1,114*	1,206*	1,300*	1,390*	1,500*
East Germany.....	1,175*	1,238*	1,292*	1,366*	1,436*	1,513*	1,600*	1,700*
Hungary.....	379*	398*	418*	439*	460*	485*	510*	530*
Poland.....	689*	779*	881*	957*	1,045*	1,100*	1,200*	1,300*
Rumania ^d	174*	185*	201*	217*	237*	260*	280*	300*
Far East								
Communist China ^d	496*	520*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea ^d	28*	34*	51*	56*	61*	66*	71*	76*
North Vietnam.....	7	8	9	10	11	12	13	14
Other								
Albania.....	4*	5*	7*	8*	9*	10*	10*	11*
Cuba.....	170*	191*	202*	208*	218*	224*	230*	240*
Yugoslavia.....	218*	236*	260*	276*	303*	322*	350*	370*

Other NATO Countries

	1958	1963		1958	1963		1958	1963
Belgium.....	1,036*	1,371*	Iceland.....	36*	48*	Portugal.....	332*	485*
Canada.....	5,122*	6,664*	Italy.....	3,182*	5,057*	Turkey.....	239*	286*
Denmark.....	979*	1,248*	Luxembourg...	42*	68*	UK ^f	7,525*	9,345*
France.....	3,704*	5,336*	Netherlands...	1,402*	2,023*	West Germany...	5,090*	7,600*
Greece.....	169*	356*	Norway.....	672* ^e	838*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are as of the end of the year and include both private and public telephones in use that can be connected to a central exchange.^b Estimated number for 1965.^c Data for the Communist countries include only telephones operated by the various civil departments of post and telecommunications and exclude telephones serviced by other functional ministries and the military.^d Telephone subscribers.^e Data are as of midyear.^f Data are as of 31 March of the following year.

Table 134

Number of Long-Distance Telephone Calls and Telegrams Sent ^a
Selected Years, 1958-64

	Million Telephone Calls					Million Telegrams Sent				
	1958	1960	1962	1963	1964	1958	1960	1962	1963	1964
NATO COUNTRIES ^b	6,190*	7,320* ^c	8,420*	9,160*	N.A.*	264*	248*	238*	N.A.*	N.A.*
US.....	3,042.5*	3,427.0*	3,771.0*	3,984.0	4,200.0*	131.9*	124.3*	112.5*	104.2*	96.6*
COMMUNIST COUNTRIES										
Soviet Bloc.....	588*	671*	737*	783*	827*	269*	292*	307*	312*	317*
USSR.....	163.0*	185.0*	210.0*	218.0*	227.0*	223.0*	241.0*	252.0*	254.0*	257.0*
Eastern Europe ^d	425*	486*	527*	565*	600*	46.2*	50.5*	54.8*	57.5*	59.7*
Bulgaria.....	27.8*	31.7*	34.0*	35.7*	36.4*	6.2*	6.6*	7.1*	7.4*	7.6*
Czechoslovakia.....	84.0*	100.6*	107.3*	109.0*	112.0*	10.1*	11.6*	13.0*	12.9*	13.0*
East Germany.....	148.3*	167.4*	178.2*	202.1*	224.0*	8.6*	10.3*	10.7*	11.4*	12.0*
Hungary.....	26.0*	30.5*	32.2*	34.7*	36.0*	6.5*	7.4*	8.0*	8.6*	9.1*
Poland ^e	95.3*	108.0*	118.7*	122.5*	126.0*	10.1*	10.0*	10.7*	11.5*	12.0*
Rumania.....	43.9*	47.8*	56.4*	60.9*	66.0*	4.7*	4.6*	5.3*	5.7*	6.0*
Far East										
Communist China.....	43.0* ^d	N.A.	N.A.	N.A.	N.A.	37.0*	N.A.	N.A.	N.A.	N.A.
North Korea.....	10.3*	10.5*	15.4	18.0*	20.0*	1.0*	1.4*	2.2*	2.5*	2.8*
North Vietnam.....	1.7	3.9*	5.0	5.7	6.3	1.0	2.1	2.1	2.4	2.5
Other										
Albania.....	1.5*	1.8*	2.1*	2.3*	2.5*	0.9*	1.0*	1.0*	1.0*	1.0*
Cuba.....	6.7*	8.6*	11.7*	13.0*	14.0*	N.A.	N.A.	N.A.	N.A.	N.A.
Yugoslavia.....	26.4*	33.2*	34.7*	38.1*	40.0*	5.6*	7.3*	8.7*	10.5*	12.0*

Other NATO Countries

Million Units

Telephone Calls		Telegrams Sent		Telephone Calls		Telegrams Sent		Telephone Calls		Telegrams Sent	
1958	1963	1958	1962	1958	1963	1958	1962	1958	1963	1958	1962
Belgium... 103.5*	167.1*	3.5*	3.2*	Iceland..... 1.9*	3.2*	0.3*	0.3*	Portugal..... 57.3*	53.6*	2.3*	2.4*
Canada.... 194.2*	259.3*	14.9* ^f	12.6* ^f	Italy..... 359.6*	729.2*	37.0* ^g	38.8* ^g	Turkey..... 12.9*	18.5*	11.7*	9.1*
Denmark... 209.0*	314.5*	1.7* ^h	1.7* ^h	Luxembourg.. N.A.*	N.A.*	0.2*	0.2*	UK ⁱ 343.0*	628.8*	14.1*	12.7*
France.... 630.0*	774.4*	16.2* ^h	14.3*	Netherlands.. 361.2*	613.9*	2.3*	2.2*	West Germany. 812.6*	1,528.4*	19.0* ^k	9.6* ^k
Greece.... 8.5*	20.1*	4.8*	5.1*	Norway..... 57.2* ⁱ	64.9*	3.8* ⁱ	3.3* ⁱ				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for domestic telephone calls and telegrams, excluding international communications.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including data for 1959 for Iceland.^d Data for telephone calls include domestic and international telephone calls.^e Data for telegrams sent include domestic and international telegrams.^f All telegrams sent by land are counted as domestic.^g Including data for the Faroe Islands and Greenland.^h Including data for Algeria.ⁱ Data are for the year beginning 1 July of the previous year.^j Data are for the year beginning 1 April of the stated year.^k Including telegrams sent to or received from East Germany and East Berlin.

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TELEPHONE CALLS AND TELEGRAMS SENT

TELEX NETWORK

SECRET

Table 135

Number of Domestic Stations in the Subscriber Telegraph (TELEX) Network in the US and the Communist Countries ^a
1958-64 and 1965 Plan

	1958	1959	1960	1961	1962	1963	1964	Units 1965 Plan
US ^b	47,614*	51,883*	55,048*	58,708*	60,260*	65,739*	70,575*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	6,010	8,980*	12,300*	15,700*	19,200*	23,500*	27,600*	
USSR.....	1,600*	4,200*	6,900*	9,500*	12,100*	14,700*	17,400*	20,000*
Eastern Europe.....	4,410	4,780*	5,410*	6,200*	7,070*	8,760*	10,200*	
Bulgaria.....	15* ^c	30*	34*	105*	118*	150*	180*	210* ^d
Czechoslovakia.....	1,300	1,351*	1,480*	1,620*	1,750*	2,004*	2,050*	2,100*
East Germany.....	2,272*	2,551*	2,837*	3,252*	3,529*	4,346*	5,200*	6,000*
Hungary.....	347*	357*	416*	453*	505*	563*	620*	670* ^d
Poland.....	435*	443*	562*	681*	800*	1,032*	1,200*	1,400* ^d
Rumania.....	38*	50*	85*	85*	372*	660*	950*	1,200* ^d
Other								
Yugoslavia.....	380*	440*	449*	480*	912*	959*	1,000*	1,100* ^d

* An asterisk indicates that the data are unclassified.

^a Service to the subscriber is a two-way service in which a subscriber is provided with a teletype machine connected to the switchboard of a local subscriber telegraph exchange.

^b In the US the domestic subscriber telegraph network usually is known as both TWX and TELEX. The data differ from the previous *Handbook* because they now include small independent stations, which previously were excluded.

^c Plan.

^d Estimated number for 1965.

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ELECTRON TUBES

Table 136

Production of Electron Tubes in the US and the Communist Countries
1958-64 and 1965 Plan

	Million Units							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^a	397.4*	432.9*	393.1*	375.0*	361.2*	338.4*	319.5*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	151	165	174	200	222	238	260	
USSR.....	110.0*	119.0*	125.0*	147.0*	160.0*	170.0	180.0	190 ^b
Eastern Europe.....	41.4	46.3	49.2	52.5	61.8	67.7	79.7	
Czechoslovakia.....	9.5*	11.2*	10.4*	11.3*	14.8*	15.5*	21.0*	24* ^b
East Germany.....	16.0	17.0	20.0	19.0	21.0	23.0	25.0	27 ^b
Hungary.....	8.9*	10.4*	11.4*	12.8*	13.2*	14.2	15.1	
Poland.....	6.0*	6.7*	7.4*	9.4*	12.8*	15.0*	18.6*	19*
Rumania.....	1.0	1.0	N.A.	N.A.	N.A.	N.A.	N.A.	
Far East								
Communist China.....	10.0	19.0*	N.A.	N.A.	N.A.	N.A.	N.A.	
Other								
Yugoslavia.....	0.4*	0.5*	0.7*	0.8*	1.2*	2.7*	4.0* ^c	10*

* An asterisk indicates that the data are unclassified.

^a Producer sales.^b Estimated production for 1965.^c Plan.

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RADIO RECEIVERS

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Table 137

Production of Radio Receivers *
1958-64 and 1965 Plan

Thousand Units

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	21,600*	26,700*	30,100*	31,800*	33,700*	33,000*	N.A.*	
US.....	12,548*	16,451*	17,969*	18,384*	20,456*	19,732*	20,702*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	6,440*	6,480*	6,370*	6,430*	6,960*	6,950*	7,000	
USSR.....	3,902*	4,035*	4,165*	4,228*	4,251*	4,802*	4,755*	6,000*
Eastern Europe.....	2,540*	2,450*	2,200*	2,200*	2,700*	2,150*	2,250	
Bulgaria.....	131*	128*	157*	146*	178*	204*	150*	
Czechoslovakia.....	309*	281*	230*	217*	289*	273*	310*	330*
East Germany.....	718*	858*	810*	796*	1,075*	773*	860*	950*
Hungary.....	453*	264*	212*	245*	258*	169*	146*	
Poland.....	790*	750*	627*	589*	654*	487*	482*	
Rumania.....	139*	167*	167*	211*	251*	243*	300 °	300*
Far East								
Communist China.....	1,500*	1,500*	1,500*	1,500	1,500	1,500	1,500	
Other								
Yugoslavia.....	259*	250*	239*	275*	289*	377*	360*	455*
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium.....	699*	1,041*	France.....	1,543*	2,838*	UK.....	1,808*	2,782*
Canada ^d	695*	809*	Italy.....	701*	1,550*	West Germany...	3,449*	3,846*
Denmark.....	85*	261* °	Norway ^f	99*	119*			

* An asterisk indicates that the data are unclassified.

^a Civilian radio receivers and radio-phonograph combinations.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Plan.^d Producer sales.^e Data are for 1962 and are included in the NATO total for 1963.^f Receiving sets for home use only.

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TELEVISION RECEIVERS

Table 138

Production of Television Receivers
1958-64 and 1965 Plan

	Thousand Units							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	9,800*	12,800*	12,300*	11,900*	12,800*	14,600*	N.A.*	
US ^b	4,920*	6,349*	5,708*	6,325*	6,909*	7,877*	9,570*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	1,390*	1,970*	2,720*	3,090*	3,500*	4,000*	4,540*	
USSR.....	979*	1,278*	1,726*	1,949*	2,168*	2,473*	2,927*	3,300*
Eastern Europe.....	408*	692*	989*	1,140*	1,330*	1,530*	1,610*	
Bulgaria.....	Negl.*	Negl.*	Negl.*	5*	15*	29*	63*	80*
Czechoslovakia.....	134*	197*	263*	334*	307*	235*	260*	300* ^c
East Germany.....	180*	290*	416*	374*	461*	580*	535*	600* ^d
Hungary.....	37*	88*	139*	178*	210*	249*	256*	
Poland.....	57*	117*	171*	231*	299*	366*	420*	450* ^d
Rumania.....	Negl.*	Negl.*	Negl.*	15*	41*	67*	75*	130*
Far East								
Communist China.....	N.A.	10* ^e	N.A.	N.A.	N.A.	N.A.	N.A.	
Other								
Yugoslavia.....	Negl.*	5*	14*	38*	63*	117*	250*	274*

Other NATO Countries

	1958	1963		1958	1963		1958	1963
Belgium.....	59*	324*	France.....	372*	1,152*	UK.....	1,998*	1,663*
Canada ^f	420*	451*	Italy.....	423*	985*	West Germany...	1,487*	1,920*
Denmark.....	119*	143* ^g	Norway ^h	3*	92*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Data differ from those presented in the previous *Handbook*, in which data included monochrome receivers only. The series presented herein includes color television receivers. The number of color television receivers are as follows (in thousand units): 1961, 147; 1962, 438; 1963, 747; and 1964, 1,463.^c Estimated production for 1965.^d Revised plan for 1965.^e Plan.^f Producer sales.^g Data are for 1962 and are included in the NATO total for 1963.^h Receiving sets for home use only.

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Table 139

Radio and Television Receivers in Public Use
Selected Years, 1958-64

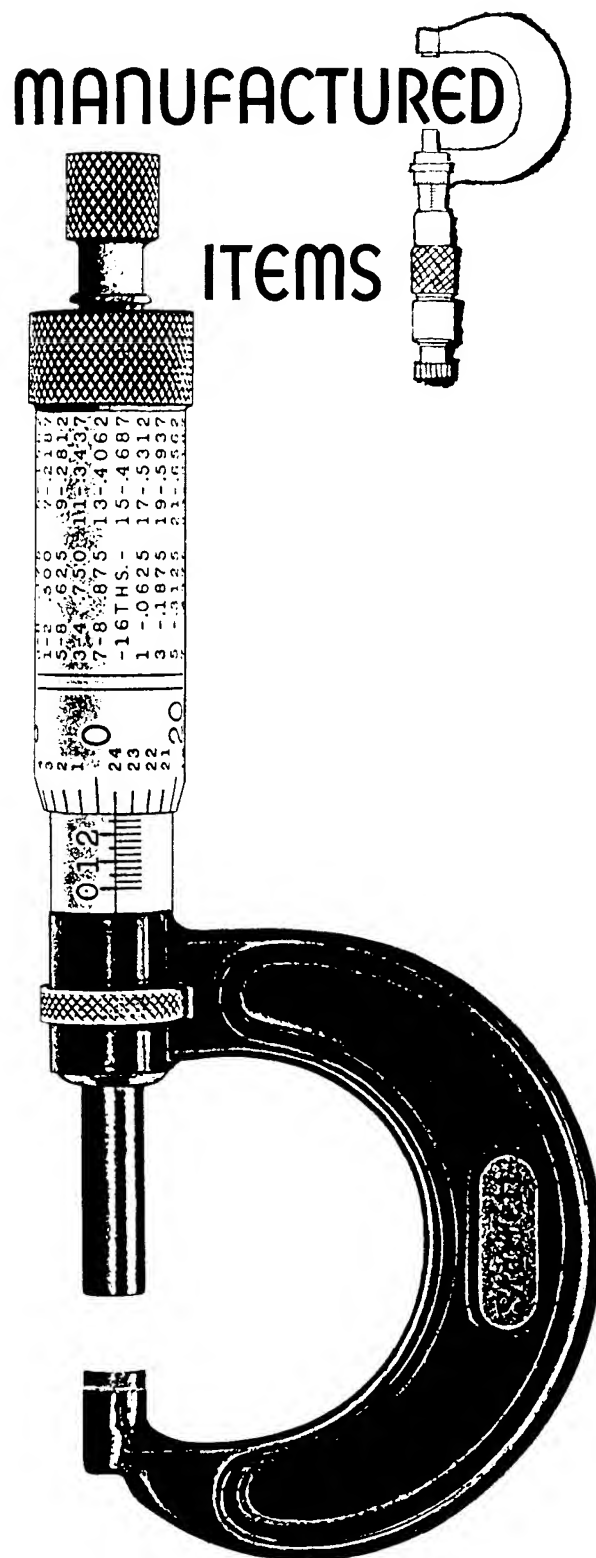
	Thousand Radio Receivers *						Thousand Television Receivers							
	1958	1960	1961	1962	1963	1964	1958	1960	1961	1962	1963	1964		
NATO COUNTRIES.....	214,000*	241,000*	259,000*	276,000*	307,000*	328,000*	67,400*	81,300*	88,600*	95,600*	104,000*	113,000*		
US.....	146,200*	168,314*	183,800*	200,258*	214,353*	228,000*	50,000*	55,600*	58,175*	61,200*	64,175*	67,100*		
COMMUNIST COUNTRIES														
Soviet Bloc.....	36,300*	44,400*	47,800*	50,700*	53,600*	56,100*	3,260*	7,220*	10,000*	13,000*	16,600*	20,400*		
USSR.....	21,700*	27,800*	30,500*	32,800*	35,200*	37,200*	2,500*	4,800*	6,500*	8,300*	10,500*	12,900*		
Eastern Europe.....	14,600*	16,600*	17,300*	17,900*	18,400*	18,900*	763*	2,420*	3,500*	4,710*	6,080*	7,450*		
Bulgaria.....	587*	868*	1,013*	1,127*	1,226*	1,280*	Negl.*	3*	11*	31*	66*	100*		
Czechoslovakia....	3,055*	3,103*	3,140*	3,132*	3,126*	3,100*	328*	795*	1,089*	1,356*	1,630*	1,900*		
East Germany....	5,378*	5,574*	5,602*	5,670*	5,739*	5,810*	318*	1,035*	1,459*	1,892*	2,379*	2,800*		
Hungary.....	1,699*	1,969*	2,060*	2,141*	2,209*	2,280*	16*	104*	206*	325*	471*	627*		
Poland.....	2,902*	3,796*	4,064*	4,243*	4,372*	4,530*	85*	426*	648*	959*	1,294*	1,696*		
Rumania.....	1,003*	1,283*	1,403*	1,568*	1,711*	1,860*	16*	55*	88*	149*	245*	330*		
Far East														
Communist China..	3,400	4,200	N.A.	N.A.	N.A.	N.A.	Negl.*	20*	N.A.	N.A.	N.A.	N.A.		
North Korea.....	116*	149*	186*	257*	290*	330*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
North Vietnam....	N.A.	N.A.	N.A.	22*	49*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
Other														
Albania.....	32*	54*	60*	66*	72*	78*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
Cuba.....	1,000*	1,100*	1,300*	1,300*	1,300*	1,380*	315*	500*	500*	520*	550*	580*		
Yugoslavia.....	1,088*	1,562*	1,826*	2,078*	2,278*	2,500*	7*	30*	62*	126*	212*	400*		
Other NATO Countries														
												Thousand Units		
Radio		Television		Radio		Television		Radio		Television				
1958		1964		1958		1964		1958		1964				
Belgium..	2,409*	3,952*	300*	1,441*	Iceland.....	62*	75*	N.A.*	50*	Portugal.....	636*	1,297*	20*	150*
Canada...	7,040*	10,500*	3,075*	4,950*	Italy.....	7,541*	10,529*	1,070*	5,406*	Turkey.....	1,111*	2,640*	1*	1*
Denmark..	1,822*	1,666*	200*	1,163*	Luxembourg..	89*	110*	4*	17*	UK.....	16,219*	25,000*	9,314*	14,616*
France...	11,259*	17,948*	1,000*	5,582*	Netherlands..	2,537*	3,159*	370*	1,848*	West Germany ^b	15,228*	20,000*	2,000*	10,024*
Greece...	765*	1,330*	N.A.*	N.A.*	Norway.....	1,250*	1,800*	1*	408*					

* An asterisk indicates that the data are unclassified.

* Data are as of the end of the year. They include the number of radio receivers in use or licenses issued and exclude wired loudspeakers.

^b Before 1960, excluding data for the Saar.

* Including data related to West Berlin, for which separate data are not available.



CONSUMPTION IN THE US AND THE USSR

SECRET

Table 140

Representative Factors of Consumption in the Economies of the US and the USSR
1958, 1962, and 1964

	1958	1962	1964
Housing construction (million square meters)			
US.....	154*	158*	164*
USSR.....	95*	95*	88*
Housing construction per capita (square meters)			
US.....	0.88*	0.85*	0.85*
USSR.....	0.46*	0.43*	0.38*
Persons employed on farms (million persons)			
US.....	7.5*	6.7*	6.1*
USSR.....	52.4*	49.4*	48.4*
Number of persons supplied per farm worker (persons)			
US.....	23.3*	27.9*	31.5*
USSR.....	3.9*	4.5*	4.7*
Television receiver production (thousand units)			
US.....	4,920*	6,909*	9,570*
USSR.....	979*	2,168*	2,927*
Television receivers in use (thousand units)			
US.....	50,000*	61,200*	67,100*
USSR.....	2,500*	8,300*	12,900*
Passenger automobile production (thousand units)			
US.....	4,258*	6,933*	7,752*
USSR.....	122*	166*	185*
Passenger automobiles in use (thousand units)			
US.....	56,871*	65,929*	68,983*
USSR.....	500*	876*	1,050*

* An asterisk indicates that the data are unclassified.

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SELECTED CONSUMER GOODS

Table 141

Production of Selected Consumer Goods in the US and the USSR
1958-64

Product and Country	1958	1959	1960	1961	1962	1963	1964
Production (Thousand Units)							
Passenger automobiles							
US ^a	4,257.8*	5,591.2*	6,674.8*	5,542.7*	6,933.2*	7,637.7*	7,751.8*
USSR ^b	122.2*	124.5*	138.8*	148.9*	165.9*	173.1*	185.2*
Radio receivers							
US ^c	12,548*	16,451*	17,969*	18,384*	20,456*	19,732*	20,702*
USSR.....	3,902*	4,035*	4,165*	4,228*	4,251*	4,802*	4,755*
Refrigerators							
US ^d	3,116.7*	3,785.0*	3,475.0*	3,480.0*	3,775.0*	4,125.0*	4,545.0*
USSR.....	359.6*	426.1*	529.5*	686.5*	837.8*	910.6*	1,134.0*
Television receivers							
US.....	4,920*	6,349*	5,708*	6,325*	6,909*	7,877*	9,570*
USSR.....	979*	1,278*	1,726*	1,949*	2,168*	2,473*	2,927*
Washing machines							
US ^d	3,672.3*	3,833.4*	3,274.2*	3,347.2*	3,665.5*	3,952.0*	4,189.6*
USSR.....	463.7*	647.8*	895.5*	1,285.6*	1,797.0*	2,282.3*	2,861.0*
Unit Production per Thousand Persons ^e							
Passenger automobiles							
US.....	24.3*	31.4*	36.9*	30.2*	37.1*	40.3*	40.4*
USSR.....	0.59*	0.59*	0.65*	0.68*	0.75*	0.77*	0.81*
Radio receivers							
US.....	71.7*	92.5*	99.4*	100.0*	109.6*	104.2*	107.8*
USSR.....	18.9*	19.2*	19.4*	19.4*	19.2*	21.4*	20.9*
Refrigerators							
US.....	17.8*	21.3*	19.2*	18.9*	20.2*	21.8*	23.7*
USSR.....	1.74*	2.02*	2.47*	3.15*	3.78*	4.05*	4.98*
Television receivers							
US.....	28.1*	35.7*	31.6*	34.4*	37.0*	41.6*	49.8*
USSR.....	4.73*	6.07*	8.06*	8.94*	9.79*	11.0*	12.8*
Washing machines							
US.....	21.0*	21.6*	18.1*	18.2*	19.6*	20.9*	21.8*
USSR.....	2.24*	3.08*	4.18*	5.90*	8.12*	10.2*	12.6*

* An asterisk indicates that the data are unclassified.

^a Factory sales, including parts shipped abroad for assembly.^b Including jeeps.^c Including radio-phonograph combinations.^d Producer sales.^e Excluding washer-dryer combinations.^f Based on midyear population.

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WOVEN COTTON FABRICS

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Table 142

Production of Woven Cotton Fabrics in Selected Free World and Communist Countries *
1958-64

	Unit of measure	1958	1959	1960	1961	1962	1963	1964
Free World Countries								
US.....	Million linear meters.....	8,206*	8,781*	8,564*	8,383*	8,464*	8,004*	8,214*
Canada ^b	Million linear meters.....	259*	251*	241*	266*	281*	290*	302*
India ^c	Million linear meters.....	6,472*	6,579*	6,629*	7,074*	6,972*	7,300*	7,719*
Japan ^b	Million square meters.....	2,542*	2,656*	3,118*	3,282*	3,084*	2,940*	2,966*
Turkey.....	Million linear meters.....	376*	423*	384*	438*	478*	487*	516*
UK ^d	Million linear meters.....	1,307*	1,223*	1,183*	1,129*	957*	924*	948*
Communist Countries								
USSR ^b	Million linear meters.....	5,788*	6,149*	6,387*	6,425*	6,453*	6,619*	6,974*
Bulgaria ^b	Million linear meters.....	170*	209*	218*	227*	243*	251*	268*
Czechoslovakia....	Million linear meters.....	420*	442*	464*	484*	496*	484*	479*
East Germany.....	Million square meters.....	217*	241*	254*	264*	289*	268*	246*
Hungary ^b	Million square meters.....	218*	226*	239*	255*	273*	283*	304*
Poland ^b	Million linear meters.....	599*	637*	667*	710*	693*	696*	760*
Rumania ^b	Million square meters.....	207*	218*	248*	282*	296*	301*	302*
Yugoslavia.....	Million square meters.....	219*	229*	257*	270*	309*	348*	378*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to woven cotton fabrics, in the piece, before undergoing finishing processes such as bleaching, dying, and making up.

^b Fabrics after undergoing finishing processes.

^c Including mill and decentralized sector production.

^d Excluding mixed fabrics.

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COTTON YARN

Table 143

Production of Cotton Yarn ^a
1958-64

						Thousand Metric Tons		
	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	3,180*	3,380*	3,420*	3,360*	3,320*	3,260*	3,340*	
US.....	1,655*	1,850*	1,788*	1,754*	1,790*	1,743*	1,803*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	1,490*	1,580*	1,650*	1,680*	1,730*	1,760*	N.A.	
USSR.....	1,063*	1,124*	1,169*	1,165*	1,192*	1,220*	1,290*	
Eastern Europe.....	423*	454*	482*	517*	539*	536*	N.A.	
Bulgaria.....	36*	47*	49*	50*	53*	56*	58*	
Czechoslovakia.....	94*	98*	102*	106*	110*	107*	106*	
East Germany.....	64*	67*	73*	80*	83*	79*	N.A.	
Hungary.....	46*	48*	53*	57*	60*	64*	67*	
Poland.....	135*	146*	153*	164*	163*	160*	179*	
Rumania.....	47*	48*	52*	60*	70*	70*	74*	
Far East								
Communist China.....	1,107*	1,497*	N.A.	580	580	610	700	
North Korea.....	17*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
North Vietnam.....	9*	10*	10*	12	12*	13*	14*	
Other								
Yugoslavia ^c	45*	47*	51*	55*	69*	75*	82*	
Other NATO Countries								
	1958	1964	1958	1964		1958	1964	
Belgium.....	86*	94*	Greece.....	23*	30*	Portugal.....	37*	67*
Canada.....	60*	80*	Italy.....	162*	186*	Turkey.....	94*	95* ^e
Denmark.....	7*	8* ^d	Netherlands...	69*	75*	UK.....	286*	230*
France.....	308*	288*	Norway.....	2*	3*	West Germany...	393*	383* ^f

* An asterisk indicates that the data are unclassified.

^a Data refer basically to cotton yarn but may include mixed yarn and some tire-cord yarn.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including yarn of synthetic fibers.^d Data are for 1963 and are included in the NATO total for 1964.^e Data are for 1962 and are included in the NATO totals for 1963-64.^f Including data related to West Berlin, for which separate data are not available.

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WOVEN WOOLEN FABRICS

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Table 144

Production of Woven Woolen Fabrics in Selected Free World and Communist Countries *
1958-64

	Unit of measure	1958	1959	1960	1961	1962	1963	1964
Free World Countries								
US.....	Million linear meters.....	248*	284*	262*	262*	283*	259*	238*
Canada ^b	Million linear meters.....	17*	18*	18*	15*	14*	15*	15*
India.....	Million linear meters.....	18*	14*	13*	13*	18*	20*	12*
Japan ^c	Million square meters.....	224*	271*	322*	340*	343*	361*	350*
Turkey ^d	Million linear meters.....	11*	10*	10*	8*	8*	4* ^e	4* ^e
UK.....	Million square meters.....	292*	305*	307*	294*	274*	272*	272*
Communist Countries								
USSR ^b ^d	Million square meters.....	385*	415*	439*	454*	469*	471*	471*
Bulgaria ^b	Million linear meters.....	14*	19*	19*	17*	18*	19*	18*
Czechoslovakia.....	Million linear meters.....	43*	46*	46*	48*	48*	47*	43*
Hungary ^b	Million square meters.....	25*	25*	28*	30*	30*	30*	31*
Poland ^b	Million linear meters.....	78*	80*	79*	78*	83*	84*	90*
Rumania ^b	Million square meters.....	28*	28*	32*	37*	34*	38*	41*
Yugoslavia.....	Million square meters.....	33*	38*	45*	42*	42*	48*	53*

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data refer to woven woolen and worsted fabrics, in the piece, before undergoing finishing processes such as bleaching, dying, and making up, and to mixed woolen fabrics.

^b Fabrics after undergoing finishing processes.^c Including finished fabrics.^d Excluding mixed fabrics.^e Government production only.

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WOOLEN YARN

Table 145

Production of Woolen Yarn *
1958-64

	Thousand Metric Tons						
	1958	1959	1960	1961	1962	1963	1964
NATO COUNTRIES ^b	1,010*	1,140*	1,160*	1,150*	1,170*	1,210*	1,190*
US ^c	294.0*	349.2*	316.8*	318.0*	334.8*	330.0*	317.5*
COMMUNIST COUNTRIES							
Soviet Bloc.....	410*	435*	450*	464*	478*	476*	N.A.
USSR.....	201.4*	212.6*	221.3*	231.7*	241.1*	242.5*	247.0*
Eastern Europe.....	209*	223*	229*	232*	237*	234*	N.A.
Bulgaria ^d	11.7*	15.6*	16.4*	15.5*	16.3*	17.4*	16.9*
Czechoslovakia ^d	37.2*	38.5*	39.3*	41.1*	42.0*	41.1*	N.A.
East Germany.....	72.9*	79.7*	80.1*	78.0*	79.1*	76.3*	N.A.
Hungary.....	13.1*	13.0*	14.9*	15.7*	16.5*	16.7*	16.9*
Poland.....	56.5*	58.6*	58.5*	60.3*	62.4*	59.7*	63.9*
Rumania.....	17.5*	17.2*	19.4*	21.9*	20.5*	22.5*	24.1*
Far East							
Communist China.....	8.3* ^e	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Other							
Yugoslavia.....	16.7*	17.3*	20.6*	19.8*	19.3*	20.9*	30.7*

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	38.0*	62.3*	Greece.....	4.8*	10.2*	Portugal.....	7.0*	5.4*
Canada.....	18.2*	18.0* ^f	Italy.....	135.6*	210.0*	Turkey.....	11.3*	11.0*
Denmark.....	5.1*	6.0* ^g	Netherlands...	21.7*	23.8*	UK.....	224.4*	253.8*
France.....	134.4*	147.4*	Norway.....	6.5*	7.8*	West Germany...	106.3*	117.9* ^h

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to wool yarn and may include mixed yarn.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Beginning April 1960, incomplete coverage; series not completely comparable with data for 1958.^d Excluding mixed yarn.^e Plan data.^f Data are for 1962 and are included in the NATO totals for 1963-64.^g Data are for 1963 and are included in the NATO total for 1964.^h Including data related to West Berlin, for which separate data are not available.

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WOVEN RAYON AND ACETATE FABRICS

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Table 146

Production of Woven Rayon and Acetate Fabrics in Selected Free World and Communist Countries *
1958-64

	Unit of measure	1958	1959	1960	1961	1962	1963	1964
Free World Countries								
US.....	Million linear meters.....	1,513*	1,480*	1,312*	1,340*	1,452*	1,584*	1,632*
Canada.....	Million linear meters.....	64*	68*	70*	81*	86*	110*	122*
India.....	Million linear meters.....	401*	496*	546*	572*	601*	652*	842*
Japan ^b	Million square meters.....	1,612*	1,673*	1,828*	1,775*	1,641*	1,632*	1,584*
UK ^c	Million linear meters.....	550*	539*	564*	555*	517*	514*	557*
Communist Countries								
USSR ^{c d}	Million linear meters.....	795*	743*	755*	771*	908*	921*	950*
Bulgaria ^{c d e}	Million linear meters.....	7*	10*	11*	10*	11*	13*	15*
Hungary ^d	Million square meters.....	21*	24*	25*	27*	27*	28*	21* ^f
Poland ^d	Million linear meters.....	93*	98*	103*	100*	93*	94*	102*
Rumania ^{c d e}	Million square meters.....	21*	23*	25*	29*	29*	30*	32*
Yugoslavia.....	Million square meters.....	16*	16*	19*	22*	22*	21*	23*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to pure and mixed woven rayon and acetate fabrics, in the piece, before undergoing finishing processes such as bleaching, dying, and making up.

^b Including finished fabrics.

^c Including fabrics of non-cellulosic fibers.

^d Fabrics after undergoing finishing processes.

^e Including fabrics of natural silk.

^f Excluding mixed fabrics.

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RAYON YARN AND SYNTHETIC FIBERS

FOOTWEAR

Table 147

Production of Rayon Yarn and Synthetic Fibers in the US and the USSR
1958-64

	Thousand Metric Tons						
	1958	1959	1960	1961	1962	1963	1964
US *.....	692*	822*	774*	837*	1,017*	1,136*	1,287*
USSR.....	166*	180*	211*	250*	277*	308*	361*

* An asterisk indicates that the data are unclassified.

* Excluding all waste.

Table 148

Production of Footwear * in the US and the USSR
1958-64

	Million Pairs						
	1958	1959	1960	1961	1962	1963	1964
US ^b	587.1*	637.4*	600.5*	593.4*	598.1*	604.3*	622.0*
USSR.....	356.4*	389.9*	419.3*	443.2*	456.3*	463.0*	474.0*

* An asterisk indicates that the data are unclassified.

* Including shoes and slippers.

^b Data differ from those presented in the previous *Handbook*, in which data for slippers and rubber footwear were excluded. The series currently shown is more comparable to the data for the USSR.

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METALCUTTING MACHINE TOOLS
METALFORMING MACHINE TOOLS

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Table 149

Production of Metalcutting Machine Tools in the US and Selected Communist Countries *
 1958-64 and 1965 Plan

	Thousand Units							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US.....	31.50*	45.21*	42.91*	40.36*	47.53*	49.84*	55.65*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	213*	229*	243*	256*	274*	274	275	
USSR.....	138.29*	147.57*	155.92*	165.77*	176.91*	182.82*	184.00*	195* ^b
Eastern Europe.....	74.8*	81.5*	87.2*	90.0*	97.1*	91.6	91.2	
Bulgaria.....	2.11*	2.90*	2.95*	4.32*	5.64*	5.77*	6.55*	
Czechoslovakia.....	28.01*	29.19*	30.23*	31.32*	33.48*	26.74*	20.70*	
East Germany.....	16.91*	18.43*	19.75*	18.36*	18.68*	18.16*	19.50*	
Hungary ^c	5.77*	7.04*	7.40*	8.37*	8.49*	8.35	8.06	
Poland.....	19.10*	20.80*	22.50*	22.30*	24.90*	27.30*	29.40*	
Rumania ^d	2.94*	3.12*	4.32*	5.32*	5.90*	5.33*	6.99*	
Far East								
Communist China.....	30.00 ^e	33.00 ^e	N.A. ^e	N.A.	N.A. ^e	N.A.	N.A.	
North Korea.....	1.45*	1.70*	2.20*	2.60*	3.36*	3.33*	3.20*	
North Vietnam.....	0.07*	0.40*	0.65*	1.03*	1.20*	0.54*	1.04*	

* An asterisk indicates that the data are unclassified.

^a Including power-driven machine tools defined as not supported in the hands of an operator when in use and designed to remove metal in the form of chips, and also including honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

^b Midpoint of the range of production planned for 1965 of 190,000 to 200,000 units.

^c Including table drilling machines. The exclusion of these machines would result in the following series: for 1960, 5,886 units; for 1961, 6,479 units; for 1962, 6,213 units; for 1963, 5,500 units; and for 1964, 6,470 units.

^d Including metalforming types that are estimated to be about 10 percent of the reported total.

^e Production reported by official sources are as follows: for 1958, 50,000 units; for 1959, 70,000 units; for 1960, 90,000 units; and plan for 1962, 60,000 to 65,000 units. Data appear to include many rudimentary types not reported before 1958.

Table 150

Production of Metalforming Machine Tools in the US and the USSR *
 1958-64 and 1965 Plan

	Thousand Units							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	21.2*	33.1*	31.3*	28.8*	33.2*	34.7*	40.2*	
USSR.....	26.2*	29.3*	29.9*	30.5*	33.4*	34.2*	34.2*	36.2* ^c

* An asterisk indicates that the data are unclassified.

^a Including power-driven metalforming machine tools defined as not supported in the hands of an operator when in use and designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

^b Excluding manually operated bending and forming machines, spinning lathes, and riveting, can-making, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which normally are included in the definition of metalforming machine tools by the US Department of Commerce.

^c In 1961 a new plan was drawn up that placed production at 55,000 units in 1965. Since that time, however, the USSR has reverted to the original plan of 36,200 units in 1965.

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ELECTRIC MOTORS
VALUE OF CONSTRUCTION

Table 151

Production of Electric Motors in Selected Communist Countries *
1958-64 and 1965 Plan

	Thousand Kilowatts							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
COMMUNIST COUNTRIES								
Soviet Bloc								
USSR ^b	13,687*	16,080*	17,597*	20,060*	22,607*	24,756*	26,000*	32,800*
Eastern Europe								
Bulgaria.....	467*	724*	919*	1,242*	1,999*	2,074*	2,300*	7,300*
Czechoslovakia ^b	2,371*	2,670*	2,952*	3,406*	3,516*	3,638*	N.A.	
Poland.....	1,673*	2,008*	2,387*	2,841*	3,321*	3,740*	N.A.	5,327*
Rumania.....	374*	467*	553*	702*	890*	932*	989*	

* An asterisk indicates that the data are unclassified.

* Data refer to production of all sizes of motors and, unless otherwise indicated, include alternating and direct current.

^b Including only alternating current motors of 0.25 kilowatt and over.

Table 152

Value of Construction in the US and Selected Communist Countries *
1958-64

	Unit of Measure	1958	1959	1960	1961	1962	1963	1964
US.....	Billion 1954 dollars.....	44.5*	48.3*	48.1*	48.9*	51.3*	53.0*	54.5*
COMMUNIST COUNTRIES								
USSR ^b	Billion new Rubles ^c	19.3*	22.3*	24.2*	24.5*	24.9*	25.5*	26.3*
Bulgaria ^d	Billion 1961 Leva.....	0.29*	0.36*	0.46*	0.47*	0.51*	0.56*	0.60*
Czechoslovakia.....	Billion 1961 Korunas.....	26.0*	31.0*	33.7*	34.7*	33.6*	30.4*	31.6*
East Germany.....	Billion current DME ^e	5.87*	7.00*	7.52*	7.73*	8.24*	8.27*	8.85*
Hungary.....	Billion 1959 Forints.....	23.2*	27.6*	30.2*	31.7*	34.8*	36.3*	37.7*
Poland ^d	Billion 1961 Zlotys.....	53.3*	61.4*	66.0*	70.5*	77.6*	79.3*	81.5*
Rumania ^d	Billion 1 January 1959 Lei....	7.72*	8.76*	11.75*	13.23*	15.24*	16.98*	18.51*
North Korea.....	Billion 1957 Won.....	0.27*	0.36*	0.31*	0.35*	0.33*	0.35*	0.38*
Albania ^d	Billion 1961 Leks.....	4.50*	5.72*	5.60*	6.50*	7.11*	7.40*	7.63*

* An asterisk indicates that the data are unclassified.

* Because of the difficulty of determining valid rates of exchange, data are not presented in terms of a common currency. Official parity rates should be used with caution because they have been established and maintained arbitrarily and do not necessarily reflect the true ratio for construction. For example, the estimated ruble-dollar ratio for construction in the USSR in 1955 prices is about 0.70 new ruble to US \$1.

^b Including the state sector, private housing construction, and construction-installation work performed by collective farms (excluding fishing artels).

^c Expressed in 1955 prices.

^d Value of state construction.

^e Deutsche Mark East (East German marks).

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TOTAL HOUSING CONSTRUCTION

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Table 153

Total Housing Construction in the US and Selected Communist Countries ^a
1958-64 and 1965 Plan

Thousand Square Meters

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	154,000*	175,000*	144,000*	148,000*	158,000*	171,000*	164,000*	
COMMUNIST COUNTRIES								
USSR.....	94,700*	107,400*	103,400*	96,900*	94,900*	92,600*	87,500* ^c	95,700*
Bulgaria.....	2,714*	2,675*	2,799*	2,338*	2,574*	2,647*	N.A.	
Czechoslovakia.....	1,992*	2,592*	2,869*	3,428*	3,427*	3,341*	3,153*	
East Germany.....	3,750*	4,487*	4,447*	5,063*	4,867*	4,217*	4,196*	
Hungary.....	2,030*	2,260*	2,040*	2,410*	2,530*	2,479*	3,143*	
Poland.....	6,996*	7,655*	7,991*	8,178*	7,965*	8,238*	7,874*	
Rumania.....	7,314*	6,612*	7,007*	8,095*	7,872*	7,156*	7,348*	
Communist China ^d	26,420*	26,000*	9,600* ^e	9,600* ^e	9,600* ^e	9,600* ^e	N.A.	
North Korea.....	3,311*	2,337*	2,687*	2,196*	3,900* ^f	3,900*	N.A.	
North Vietnam.....	86* ^e	86* ^e	86* ^e	264*	300*	130*	N.A.	
Albania.....	185*	220*	201*	260*	263*	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

^a Including the total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

^b Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

^c Including 67.4 million square meters of urban housing and 20.1 million square meters of rural housing.

^d Urban housing only.

^e Estimated average yearly construction based on announced performance for several years.

^f Official North Korean data for housing construction reported as 6.13 million square meters.

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CEMENT

Table 154

Production of Cement *
1958-64 and 1965 Plan

	Thousand Metric Tons							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES.....	130,000*	143,000*	144,000*	152,000*	161,000*	168,000*	186,000*	
US.....	54,830*	59,763*	56,063*	56,718*	58,937*	61,609*	64,200*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	50,800*	58,800*	68,400*	75,500*	83,100*	87,700*	94,400*	
USSR.....	33,308*	38,781*	45,520*	50,864*	57,328*	61,018*	64,900*	69,500* ^b
Eastern Europe.....	17,500*	20,000*	22,900*	24,600*	25,800*	26,700*	29,500*	
Bulgaria.....	934*	1,433*	1,586*	1,749*	1,893*	2,205*	2,680*	2,794*
Czechoslovakia.....	4,110*	4,744*	5,051*	5,343*	5,710*	5,178*	5,493*	
East Germany.....	3,558*	4,205*	5,032*	5,275*	5,432*	5,458*	5,767*	
Hungary.....	1,302*	1,432*	1,571*	1,601*	1,733*	1,798*	2,300*	
Poland.....	5,058*	5,317*	6,599*	7,364*	7,544*	7,674*	8,720*	9,540* ^c
Rumania.....	2,572*	2,851*	3,054*	3,308*	3,489*	4,369*	4,572*	5,300*
Far East								
Communist China.....	9,300*	12,270*	N.A.	N.A.	6,000	7,000	8,000	
North Korea.....	1,244*	1,926*	2,285*	2,262*	2,376*	2,530*	N.A.	
North Vietnam.....	302*	381*	408*	458*	462*	495*	648*	830*
Other								
Albania.....	78*	74*	73*	120*	120*	N.A.	N.A.	230* ^c
Cuba.....	715*	626*	813*	870*	780*	810*	N.A.	
Yugoslavia.....	1,967*	2,220*	2,398*	2,336*	2,518*	2,844*	3,038*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium ^d	4,057*	5,846*	Iceland.....	33*	98* ^e	Portugal.....	1,024*	1,608*
Canada.....	5,730*	7,109*	Italy.....	12,838*	22,840*	Turkey.....	1,517*	2,936*
Denmark.....	1,068*	1,857*	Luxembourg.....	196*	230* ^e	UK.....	11,854*	16,968*
France.....	13,629*	21,484*	Netherlands....	1,366*	2,873*	West Germany ^f ..	19,737*	33,790* ^g
Greece.....	1,375*	2,659*	Norway.....	1,031*	1,512*			

* An asterisk indicates that the data are unclassified.

^a Including, as nearly as possible, all types of hydraulic cements used in construction.^b Revised plan for 1965. The original plan was for 84.6 million metric tons.^c Estimated production for 1965.^d Excluding natural cement.^e Data are for 1963 and are included in the NATO total for 1964.^f Before 1960, excluding data for the Saar.^g Including data related to West Berlin, for which separate data are not available.

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MILITARY AIRCRAFT

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Table 155

Production of Military Aircraft, by Type, in Communist Countries
1963 and 1964

	Units							
	Bombers		Fighters		Transports		Other *	
	1963	1964	1963	1964	1963	1964	1963	1964
TOTAL COMMUNIST COUNTRIES..	170	170	770	840	520	500	1,000	830
Soviet Bloc.....	170	170	770	840	470	460	1,000	830
USSR.....	170	170	770	840	170	140	340	250
Eastern Europe.....	0	0	0	0	300	320	700	580
Czechoslovakia.....	0	0	0	0	0	0	480	390
Hungary.....	0	0	0	0	0	0	13	24
Poland.....	0	0	0	0	300	320	180	140
Rumania.....	0	0	0	0	0	0	24	24
Far East								
Communist China.....	0	0	0	0	52	37	0	0

* Including trainers, helicopters, communication/utility, and reconnaissance aircraft.

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Table 156

Construction of Naval Ships, by Type, in Selected Communist Countries
Selected Years, 1958-64

	Units											
	1958		1960		1961		1962		1963		1964	
	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel
COMMUNIST COUNTRIES												
USSR												
Submarines												
Attack	1	2 ^a	2	6 ^a	3	6 ^a	2	9 ^a	3	10 ^a	3	11 ^a
Ballistic missile		3 ^b	4 ^c	7 ^b	3 ^c	8 ^b	2 ^c	4 ^b				
Cruise missile			2 ^d		2 ^d		4 ^d		3 ^d	6 ^c	5 ^d	6 ^c
Destroyers												
Conventional ^e		2										
Guided missile ^f		4		3		3		2		2		3
Guided missile motorboats ^h				35		58		35		27		22
Patrol craft ⁱ		40		18		12		14		15		19
Patrol craft ^j		90		25				1		1		4
Mine ships ^k		10		11		12		22		18		20
Auxiliaries ^l		2		10		11		5		6		5
Amphibious		28		33		12						1
East Germany												
Patrol craft ^m								2		4		3
Mine ships ⁿ		7										
Amphibious ^o						1		5		6		2
Poland												
Patrol craft ^p		2		5		2						
Mine ships ^q		17		11						2		3
Auxiliaries ^r								2		6		7
Amphibious ^s										6		8
Communist China												
Submarines		6		1		1		4		2		2
Patrol craft ^t		46		28		12		5 to 15		5 to 15		5 to 15
Mine ships ^u		2		2						0 to 5		0 to 5
Amphibious ^v		30		30		30						0 to 5

^a F, Q, W, and Z classes.^b G class.^c H class.^d E class.^e J class.^f Kollin and Riga classes.^g Kashin, Kildin, Kollin, Krupnyy, and Kynda classes.^h Osa and Komar classes.ⁱ Kronstadt, Mirka, Petya, Poti, and SO-1 classes.^j MO-VI, P-4, P-6, P-10, and Shershen classes.^k Sasha, T-43, T-58, Vanya, and Yurka classes.^l Don, Dnepr, EX-T-58, Lama, Prut, Uda, and Ugra classes.^m Forelle, Hai I, Hai II, Hai III, and Iltis classes.ⁿ Habicht II, Krake, and Schwalbe II classes.^o Labo 100 and Labo 600 classes.^p Gdansk and Oksywie classes.^q Krogulec, T-43, and TR-40 classes.^r N. Zubov, Oskol, and Samara classes.^s Polnocny class.^t P-8, Shanghai, and Swatow classes.^u T-45 class.^v MK-6 class.

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CONSTRUCTION OF NAVAL SHIPS

MILITARY AIRCRAFT

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Table 157

Production of Military Aircraft, by Type, in the US and USSR
1960-64

	Units				
	1960	1961	1962	1963	1964
Total US ^a	2,144	1,639	2,169	2,343	2,772
Bomber					
Heavy.....	74	62	45	0	0
Medium.....	16	42	27	0	0
Ground attack.....	315	222	231	213	224
Fighter.....	624	376	463	543	800
Transport.....	62	81	156	192	192
Trainer.....	268	203	255	252	225
Other ^b	785	653	992	1,143	1,331
Total USSR.....	1,700	1,600	1,700	1,400	1,400
Bomber.....	92	160	150	170	170
Fighter.....	530	560	880	770	840
Transport.....	310	250	220	170	140
Other ^c	730	670	490	340	250

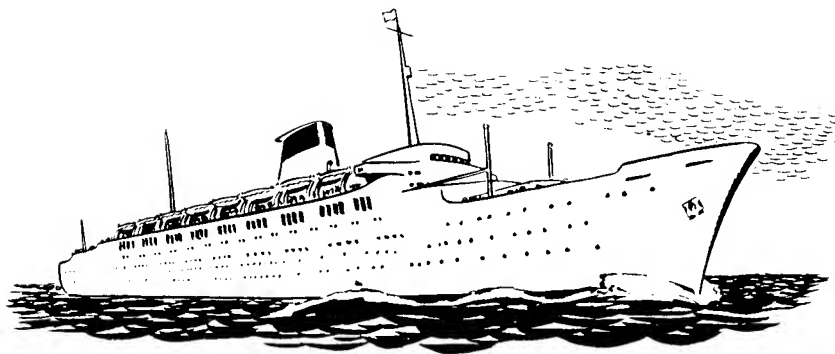
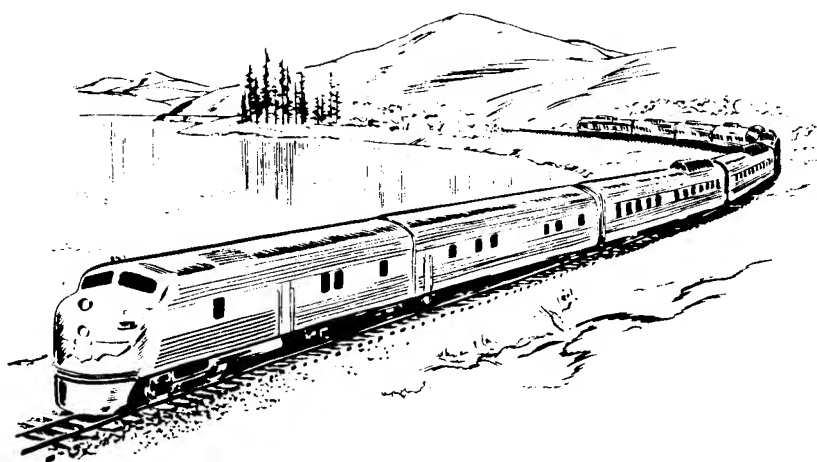
^a Data were obtained from official US military acceptances.

^b Including tankers; helicopters; flying boats; and antisubmarine-warfare, warning, liaison, utility, amphibian, and lighter-than-air aircraft.

^c Including trainers, helicopters, communication/utility, and reconnaissance aircraft.

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TRANSPORTATION



INLAND TRANSPORT PERFORMANCE

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Table 158

Inland Transport Performance, in Ton-Kilometers, in the US and the USSR
1958-64

	Billion Metric Ton-Kilometers						
	1958	1959	1960	1961	1962	1963	1964
Total US.....	2,300*	2,460*	2,510*	2,520*	2,630*	2,750*	2,900*
Railroads.....	839*	875*	868*	855*	899*	940*	999*
Motor vehicles ^a	491*	554*	572*	602*	638*	668*	712*
Domestic shipping ^b	665*	703*	734*	723*	749*	772*	798*
Petroleum pipelines.....	308*	331*	334*	340*	347*	365*	391*
Civil air.....	1*	1*	1*	2*	2*	2*	3*
Total USSR.....	1,530*	1,690*	1,790*	1,880*	1,990*	2,120*	2,260*
Railroads.....	1,302*	1,430*	1,504*	1,567*	1,646*	1,749*	1,854*
Motor vehicles ^a	77*	88*	99*	106*	112*	120*	127*
Domestic shipping ^c	120*	131*	138*	147*	152*	158*	164*
Petroleum pipelines.....	34*	42*	51*	60*	74*	91*	112*
Civil air.....	Negl.*	Negl.*	1*	1*	1*	1*	1*

* An asterisk indicates that the data are unclassified.

^a Highway freight traffic, including estimated urban and rural traffic.^b Domestic freight traffic by water, including inland waterway, coastal, intercoastal, and Great Lakes freight traffic.^c Domestic freight traffic by water, including inland waterway and estimated coastal, intercoastal, and Caspian Sea freight traffic.

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RAILROAD FREIGHT TRAFFIC IN TON-KILOMETERS

Table 159

Railroad Freight Traffic, in Ton-Kilometers *
1958-64 and 1965 Plan

	Billion Metric Ton-Kilometers							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	1,100*	1,140*	1,140*	1,120*	1,170*	1,240*	1,310*	
US.....	839.13*	875.03*	868.47*	850.52*	898.94*	939.73*	998.45*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	1,460*	1,600*	1,690*	1,770*	1,860*	1,960*	2,090*	
USSR.....	1,302.00*	1,429.50*	1,504.30*	1,566.60*	1,646.30*	1,749.40*	1,854.10*	1,880* ^c
Eastern Europe.....	162*	173*	187*	199*	209*	214*	233*	
Bulgaria.....	5.24*	6.29*	6.98*	7.45*	7.88*	8.57*	9.50*	
Czechoslovakia.....	42.67*	44.10*	47.41*	50.67*	52.22*	51.66*	55.40*	
East Germany.....	30.10*	31.65*	32.86*	34.73*	37.41*	37.60*	43.82*	
Hungary ^d	10.24*	11.69*	13.34*	13.86*	14.55*	15.38*	16.21*	
Poland.....	57.19*	61.67*	66.55*	69.69*	72.69*	74.43*	78.82*	
Rumania.....	17.02*	17.48*	19.82*	22.21*	24.42*	26.76*	29.70*	
Far East								
Communist China.....	185.52*	263.40*	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	6.30*	7.80*	9.09*	9.87*	9.90*	10.40*	10.61*	
North Vietnam.....	0.29*	0.52*	0.70*	0.73*	0.70*	0.85*	0.93*	
Other								
Albania.....	0.03*	0.05*	0.05*	0.08*	0.08*	0.08*	0.08*	
Yugoslavia ^e	13.03*	13.97*	15.19*	14.94*	15.04*	17.34*	18.28*	

Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium ^f	5.89*	6.83*	Italy ^g	13.16*	14.62*	Portugal.....	0.74*	0.76*
Canada.....	96.88*	125.16*	Luxembourg....	0.58*	0.67*	Turkey.....	5.06*	3.98*
Denmark ^h	1.42*	1.54*	Netherlands ^k ...	3.12*	3.88*	UK ^m	30.13*	25.86*
France.....	52.88*	65.28*	Norway ⁿ	1.35* ^l	1.96*	West Germany ⁿ	46.90*	59.11*
Greece ⁱ	0.36*	0.46*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to net metric ton-kilometers and include all goods and livestock carried during the calendar year by trains other than plantation, industrial, forest, mining, funicular and cable railroads but exclude service traffic, mail, and non-revenue government stores. Data include domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US specifically include revenue and nonrevenue freight traffic on Class I and II railroads.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Revised plan for 1965. The original plan was for 1,800 billion to 1,850 billion metric ton-kilometers and was reached in 1964.

^d Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

^e Including service traffic.

^f Full carloads only. The data exclude military traffic.

^g Government railroads only.

^h Data are for the year beginning 1 April of the stated year.

ⁱ Including military and government traffic.

^j Excluding livestock.

^k Excluding express parcels.

^l Data are for the year beginning 1 July of the previous year.

^m Excluding Northern Ireland. Data include service traffic.

ⁿ Including data for the Saar.

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RAILROAD FREIGHT TRAFFIC IN TONS CARRIED

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Table 160

Railroad Freight Traffic, in Tons Carried *
1958-64

Million Metric Tons Carried

	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	2,260*	2,350*	2,450*	2,390*	2,420*	2,510*	N.A.*	
US.....	1,131.6*	1,172.6*	1,180.5*	1,136.6*	1,173.5*	1,222.4*	1,290.0*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	2,440*	2,630*	2,820*	2,960*	3,080*	3,180*	3,370*	
USSR.....	1,616.9*	1,763.8*	1,884.9*	1,987.6*	2,077.4*	2,158.0*	2,288.8*	
Eastern Europe.....	826*	865*	931*	976*	1,010*	1,020*	1,080*	
Bulgaria.....	29.7*	35.1*	38.4*	40.5*	40.4*	43.5*	48.0*	
Czechoslovakia.....	174.4*	180.5*	194.1*	205.7*	206.9*	202.0*	214.2*	
East Germany.....	227.2*	229.2*	237.8*	248.7*	259.8*	261.1*	267.1*	
Hungary ^c	78.5*	86.5*	95.9*	98.6*	101.3*	105.3*	111.0*	
Poland.....	250.0*	264.6*	286.9*	297.7*	305.7*	312.8*	332.2*	
Rumania.....	66.6*	69.0*	77.5*	85.3*	92.0*	99.6*	111.0*	
Far East								
Communist China.....	381.1*	542.0*	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	28.2*	35.1*	38.6*	41.0*	43.9*	46.0*	47.0*	
North Vietnam.....	1.4*	2.2*	2.9*	3.1*	3.2*	3.9*	4.1*	
Other								
Albania.....	0.6*	0.7*	0.9*	1.2*	1.3*	1.3*	1.3*	
Yugoslavia ^d	50.9*	54.1*	58.2*	61.9*	63.6*	71.8*	N.A.	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium.....	58.4*	67.6*	Italy.....	50.2*	63.3*	Portugal.....	3.7*	3.8*
Canada.....	156.8*	168.3*	Luxembourg ^e	16.9*	16.7*	Turkey ^e	15.6*	11.2*
Denmark.....	8.4*	9.5*	Netherlands ^d	23.6*	31.6*	UK ^f	247.0*	239.1*
France ^e	212.0*	239.6*	Norway ^e	4.6*	5.6*	West Germany ^d &...	328.7*	428.8*
Greece.....	2.4*	2.4* ^e						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include all goods and livestock carried during the calendar year by trains other than plantation, industrial, forest, mining, funicular and cable railroads but exclude service traffic, mail, and nonrevenue government stores. Data include domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US are in tons originated, thus giving a more realistic comparison with other NATO countries and with Communist countries.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited private use."

^d Including service traffic.

^e Including government railroads only.

^f Including traffic in Northern Ireland.

^g Including through consignments between private and government railroads.

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HIGHWAY FREIGHT TRAFFIC IN TON-KILOMETERS

Table 161

Highway Freight Traffic, in Ton-Kilometers, in the US and the Communist Countries *
1958-64

	Million Metric Ton-Kilometers						
	1958	1959	1960	1961	1962	1963	1964
US ^b	491,000*	554,000*	572,000*	602,000*	638,000*	668,000*	712,000*
COMMUNIST COUNTRIES							
Soviet Bloc	93,200	106,000	119,000	129,000	137,000*	146,000*	155,000*
USSR	76,801*	87,598*	98,520*	105,673*	111,896*	119,723*	127,000*
Eastern Europe	16,400	18,400	20,700	22,900	25,000*	26,200*	28,000*
Bulgaria	1,150*	1,375*	2,039*	2,316*	2,645*	2,716*	2,990*
Czechoslovakia	3,980*	4,780*	5,108*	5,673*	6,055*	6,319*	6,572*
East Germany	4,147*	4,622*	4,984*	5,269*	5,653*	6,200*	6,369*
Hungary	1,000	1,120	1,580	1,689	1,850*	2,181*	2,397*
Poland	4,600*	5,000*	5,400*	6,000*	6,400*	6,000*	6,540*
Rumania	1,500*	1,550*	1,600*	1,914*	2,427*	2,775*	3,150*
Far East							
Communist China	6,960*	12,000	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea	352*	503*	548*	559*	632*	657*	703*
North Vietnam	51*	78*	108*	132*	148*	164*	179*
Other							
Albania	234*	291*	328*	378*	397*	405*	446* ^c

* An asterisk indicates that the data are unclassified.

^a Including traffic by trucks, whether on improved roads or not, but excluding primitive modes of transportation.

^b Including urban and rural traffic.

^c Plan for 1964.

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HIGHWAY FREIGHT TRAFFIC,
IN TONS CARRIED

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Table 162

Highway Freight Traffic, in Tons Carried, in the Communist Countries *
1958-64

Million Metric Tons Carried

	1958	1959	1960	1961	1962	1963	1964
COMMUNIST COUNTRIES							
Soviet Bloc.....	7,590	8,690	9,960	10,500*	10,900*	11,200*	11,900*
USSR.....	6,474.4*	7,398.6*	8,492.7*	8,922.6*	9,122.1*	9,444.4*	10,000.0*
Eastern Europe.....	1,110	1,300	1,460	1,610*	1,730*	1,790*	1,940*
Bulgaria.....	68.3*	92.7*	128.3*	158.4*	180.9*	190.7*	220.5*
Czechoslovakia.....	334.8*	395.1*	428.4*	481.1*	511.7*	492.2*	546.4*
East Germany.....	226.5*	256.7*	270.3*	286.7*	306.3*	320.2*	335.2*
Hungary.....	71.2*	86.5*	121.5*	128.0*	134.5*	141.2*	148.3*
Poland.....	332.0	361.0	392.0	413.6*	435.2*	457.4*	480.3*
Rumania.....	79.0*	103.0*	123.0*	143.4*	161.8*	185.0*	210.0*
Far East							
Communist China...	176.3*	344.0*	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	40.0*	66.0*	78.6*	74.6*	88.8*	91.5*	100.0*
North Vietnam.....	2.8*	3.9*	5.0*	5.9*	6.5*	6.7*	7.2*
Other							
Albania.....	8.0*	10.3*	10.3*	13.1*	14.4*	15.0*	16.5*

* An asterisk indicates that the data are unclassified.

* Including traffic by trucks, whether on improved roads or not, but excluding primitive modes of transportation. Data include traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

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INLAND WATER FREIGHT TRAFFIC,
IN TON-KILOMETERS

Table 163

Inland Water Freight Traffic, In Ton-Kilometers
1958-64 and 1965 Plan

Million Metric Ton-Kilometers								
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	223,000*	236,000*	253,000*	257,000*	271,000*	279,000*	N.A.*	
US. ^b	159,329*	170,348*	176,342*	179,412*	194,235*	202,763*	213,212*	
COMMUNIST COUNTRIES ^c								
Soviet Bloc.....	92,200*	100,000*	108,000*	114,000*	118,000*	123,000*	134,000*	
USSR.....	85,477*	93,608*	99,602*	105,964*	109,862*	114,493*	124,400*	130,000 ^d
Eastern Europe.....	6,710*	6,700*	7,910*	7,780*	7,970*	8,240*	9,260*	
Bulgaria.....	391*	444*	615*	585*	622*	662*	814*	
Czechoslovakia.....	1,784*	1,736*	1,962*	1,899*	1,975*	1,915*	2,200*	
East Germany.....	2,398*	2,376*	2,252*	2,202*	2,162*	2,003*	2,166*	
Hungary.....	857*	889*	1,308*	1,311*	1,377*	1,509*	1,586*	
Poland.....	696*	639*	904*	855*	822*	1,026*	1,200*	
Rumania.....	585*	611*	865*	927*	1,011*	1,129*	1,298*	
Far East ^e								
Communist China.....	25,070	40,200	N.A.	N.A.	N.A.	N.A.	N.A.	
North Vietnam.....	182*	243*	314*	359*	380*	448*	490*	
Other								
Yugoslavia.....	2,413*	2,623*	3,272*	3,037*	3,194*	3,518*	N.A.	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium.....	4,326*	5,202*	Netherlands.....	16,962*	20,154*	West Germany....	32,768*	39,491*
France.....	9,425*	11,016*	UK.....	272*	242*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Excluding Great Lakes traffic.^c Data for North Korea are included with ocean freight traffic in Table 165, p. 175.^d Revised plan for 1965. The original plan was for 140 billion ton-kilometers.

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INLAND WATER FREIGHT TRAFFIC,
IN TONS CARRIED

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Table 164

Inland Water Freight Traffic, in Tons Carried
1958-64 and 1965 Plan

Million Metric Tons Carried

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	722*	753*	821*	825*	855*	863*	N.A.*	
US ^b	332.48*	352.91*	358.56*	351.97*	379.51*	390.89*	N.A.*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	203*	217*	235*	248*	255*	265*	280*	
USSR.....	178.26*	192.04*	210.32*	223.95*	230.33*	239.47*	252.30*	264* ^c
Eastern Europe.....	25.1*	25.1*	25.0*	24.3*	24.6*	25.1*	27.4*	
Bulgaria.....	1.08*	1.30*	1.56*	1.53*	1.60*	1.61*	1.82*	
Czechoslovakia.....	3.25*	3.13*	3.53*	3.75*	3.92*	4.06*	4.50*	
East Germany.....	14.86*	14.48*	12.63*	11.94*	11.40*	10.98*	11.90*	
Hungary.....	1.89*	2.10*	2.39*	2.36*	2.46*	2.41*	2.47*	
Poland.....	2.48*	2.53*	2.95*	2.76*	3.05*	3.40*	3.80*	
Rumania.....	1.56*	1.57*	1.91*	1.96*	2.21*	2.65*	2.94*	
Far East								
Communist China.....	56.66	91.40	N.A.	N.A.	N.A.	N.A.	N.A.	
North Vietnam.....	2.64*	4.05*	4.84*	5.51*	5.95*	6.56*	7.01*	
Other								
Yugoslavia.....	6.82*	7.87*	10.04*	9.93*	9.52*	10.83*	N.A.	
Other NATO Countries								
	1958	1963		1958	1963		1958	1963
Belgium.....	51.23*	64.80*	Italy.....	2.39*	3.24*	UK.....	9.45*	9.26*
France.....	63.47*	76.22*	Netherlands...	126.14*	150.84*	West Germany.....	137.00*	167.33*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Including inland, intraport, and local water traffic and excluding Great Lakes traffic.^c Revised plan for 1965. The original plan was for 261.4 million metric tons carried.

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OCEAN FREIGHT TRAFFIC,
IN TON-KILOMETERS

Table 165

Ocean Freight Traffic, in Ton-Kilometers, in the Communist Countries *
1958-64 and 1965 Plan

	Million Metric Ton-Kilometers							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
COMMUNIST COUNTRIES								
Soviet Bloc.....	138,000*	160,000*	186,000*	225,000*	246,000*	313,000*	393,000*	
USSR ^b	106,300*	115,700*	131,500*	159,100*	173,400*	226,300*	296,500*	376,600*
Eastern Europe.....	31,600*	44,000*	54,500*	65,500*	73,000*	86,800*	96,600*	
Bulgaria ^c	2,099*	2,102*	2,540*	2,739*	3,475*	5,443*	5,800*	6,000 ^d
Czechoslovakia.....	2,367*	4,123*	7,476*	6,349*	5,270*	5,497*	5,500*	5,700 ^d
East Germany ^c	3,738*	9,096*	10,470*	11,353*	14,304*	20,435*	23,000*	30,000* ^d
Hungary.....	128*	187*	230*	280*	244*	323*	350*	350* ^d
Poland ^c	22,335*	27,526*	32,696*	42,596*	46,364*	49,863*	55,000*	60,000* ^d
Rumania.....	952*	981*	1,065*	2,163*	3,365*	5,209*	7,000*	9,000* ^d
Far East								
Communist China ^f	18,840	28,600	31,500	21,600	27,000	29,700	N.A.	
North Korea ^a	69*	104*	136*	165*	206*	219*	260*	
North Vietnam ^h	41*	65*	68*	84*	95*	142*	156*	
Other								
Albania ^c	29*	211*	269*	711*	1,378*	1,500*	1,500*	2,000* ^d

* An asterisk indicates that the data are unclassified.

^a Including the performance of ships of less than 1,000 gross register tons (GRT).^b Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.^c Including both coastal and international freight traffic.^d Estimated performance for 1965, based on planned size of the fleet and estimated length of haul.^e Perhaps excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1964, there were 19 of these ships, totaling 158,514 GRT. It is possible that the performance of one-half of these is included, but no definite information is available.^f Coastal traffic only, carried in Chinese and chartered foreign ships.^g Including both modern coastal and inland water traffic.^h Coastal traffic only.

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PASSENGER-KILOMETERS FLOWN
CIVIL AIRFREIGHT TRAFFIC

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Table 166

Passenger-Kilometers Flown by Scheduled Airlines in the US and the USSR
1958-64

	Billion Passenger-Kilometers						
	1958	1959	1960	1961	1962	1963	1964
US ^a	50.69*	58.53*	62.54*	64.10*	70.43*	81.05*	94.14*
USSR.....	6.40*	9.10*	12.10*	16.40*	20.30*	25.30*	30.90*

* An asterisk indicates that the data are unclassified.

^a Revenue passenger-kilometers.

Table 167

Civil Airfreight Traffic, in Ton-Kilometers, in the US and the USSR ^a
1958-64 and 1965 Plan

	Million Metric Ton-Kilometers							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^b	1,061*	1,237*	1,377*	1,596*	1,910*	2,121*	2,557*	
USSR.....	399*	439*	563*	802*	890*	910*	1,140*	1,300*

* An asterisk indicates that the data are unclassified.

^a Including express, freight, and mail traffic.

^b Revenue traffic, excluding charter flights and excess baggage.

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PETROLEUM PIPELINE TRANSPORTATION,
IN TON-KILOMETERS

PETROLEUM PIPELINE TRANSPORTATION,
IN TONS CARRIED

Table 168

Petroleum Pipeline Transportation, in Ton-Kilometers, in the US and in the Communist Countries
1958-64 and 1965 Plan

	Billion Metric Ton-Kilometers							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US.....	308.5*	331.4*	333.8*	340.4*	347.1*	365.5*	391.0*	
COMMUNIST COUNTRIES								
USSR.....	33.8*	41.6*	51.2*	60.0*	74.5*	90.9*	112.1*	151* ^a
Rumania.....	0.8*	0.9*	1.0*	0.9*	1.0*	1.1*	1.0*	

* An asterisk indicates that the data are unclassified.

^a Revised plan for 1965. The original plan was for 185 billion metric ton-kilometers.

Table 169

Petroleum Pipeline Transportation, in Tons Carried, in the US and the Communist Countries
1958-64 and 1965 Plan

	Million Metric Tons Carried							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
US ^a	361.2*	394.1*	408.8*	428.7*	447.8*	471.8*	500.0*	
COMMUNIST COUNTRIES								
USSR.....	94.9*	111.3*	129.9*	144.0*	165.1*	185.5*	212.7*	287* ^b
Rumania.....	3.7*	4.5*	5.6*	5.3*	7.0*	7.3*	7.0*	

* An asterisk indicates that the data are unclassified.

^a Data refer to tons originated, thus giving a more realistic comparison with the Communist countries.

^b Revised plan for 1965. The original plan was for 240 million metric tons carried.

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CONSTRUCTION OF MARITIME CARGO SHIPS

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Table 170

Construction of Maritime Cargo Ships in Selected Communist Countries *
1958-64

	1958	1959	1960	1961	1962	1963	1964
Thousand Gross Register Tons							
COMMUNIST COUNTRIES							
Soviet Bloc.....	231	274	382	318	416	460	503
USSR.....	0	30.0	58.4	66.9	116.6	149.9	142.8
Eastern Europe.....	231	244	324	252	300	310	360
Bulgaria.....	3.9	1.9	4.1	0.6	2.2	6.7	9.8
East Germany.....	81.6	101.4	123.0	80.2	98.9	95.1	108.8
Hungary.....	15.7	14.5	20.7	13.0	13.0	15.1	16.3
Poland.....	129.7	126.2	166.7	143.3	170.0	178.8	203.1
Rumania.....	0	0	9.6	14.4	15.6	14.6	22.1
Far East							
Communist China.....	9.5	16.0	15.6	12.4	25.4	0	24.2
Units							
COMMUNIST COUNTRIES							
Soviet Bloc.....	71	70	112	85	91	94	95
USSR.....	0	4	10	8	15	21	21
Eastern Europe.....	71	66	102	77	76	73	74
Bulgaria.....	2	1	3	2	2	2	2
East Germany.....	27	24	39	20	28	22	18
Hungary.....	13	12	16	10	10	12	13
Poland.....	29	29	40	39	31	32	34
Rumania.....	0	0	4	6	5	5	7
Far East							
Communist China.....	2	5	6	5	3	0	4

* Including oceangoing cargo ships completed during the year but excluding miscellaneous auxiliary ships, harbor craft, and small coastal ships.

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CONSTRUCTION OF MARITIME TANKERS

Table 171

Construction of Maritime Tankers in Selected Communist Countries *
1958-64

	1958	1959	1960	1961	1962	1963	1964
Thousand Gross Register Tons							
COMMUNIST COUNTRIES							
Soviet Bloc.....	58.3	108	112	76.7	91.9	119	175
USSR.....	58.3	96.0	95.9	48.4	50.8	81.3	152.2
Eastern Europe.....	0	12.1	15.7	28.3	41.1	38.0	23.0
Bulgaria.....	0	7.6	11.5	11.5	11.5	11.5	23.0
East Germany.....	0	4.5	4.2	0	0	0	0
Poland.....	0	0	0	16.8	29.6	26.5	0
Units							
COMMUNIST COUNTRIES							
Soviet Bloc.....	13	33	19	14	11	8	13
USSR.....	13	16	13	7	3	3	7
Eastern Europe.....	0	17	6	7	8	5	6
Bulgaria.....	0	2	3	3	3	3	6
East Germany.....	0	15	3	0	0	0	0
Poland.....	0	0	0	4	5	2	0

* Including oceangoing tankers completed during the year but excluding miscellaneous auxiliary ships, harbor craft, and small coastal ships.

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CONSTRUCTION OF FISHING SHIPS

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Table 172

Construction of Fishing Ships in Selected Communist Countries *
1958-64

	1958	1959	1960	1961	1962	1963	1964
	Thousand Gross Register Tons						
COMMUNIST COUNTRIES							
Soviet Bloc.....	86.6	182	187	183	176	202	258
USSR.....	53.8	90.4	77.2	120.5	107.2	125.6	148.7
Eastern Europe.....	32.8	91.8	109	62.8	69.3	76.1	109
East Germany.....	3.5	46.3	46.3	20.8	39.1	44.3	59.7
Poland.....	29.3	45.5	63.1	42.0	30.2	31.8	49.5
	Units						
COMMUNIST COUNTRIES							
Soviet Bloc.....	60	186	162	72	80	95	125
USSR.....	21	26	30	36	41	54	83
Eastern Europe.....	39	160	132	36	39	41	42
East Germany.....	7	126	93	10	20	22	24
Poland.....	32	34	39	26	19	19	18

* Including only countries in which domestic construction is a significant percentage of over-all construction. Data include only large fishing ships and exclude small fishing boats, seiners, and miscellaneous boats.

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LOCOMOTIVES

Table 173

Production of Mainline Locomotives in Selected NATO and Communist Countries *
1958-64

	Units						
	1958	1959	1960	1961	1962	1963	1964
NATO COUNTRIES							
US ^b	1,197*	1,098*	898*	987*	1,354*	1,335*	1,435*
Canada.....	417*	375*	172*	43*	N.A.*	N.A.*	N.A.*
France.....	382*	245*	311*	298*	312*	318*	270*
Italy ^c	112*	127*	150*	216*	182*	104*	137*
UK ^d	853*	1,054*	1,181*	880*	806*	701*	697*
West Germany.....	1,227*	1,011*	1,349*	980*	1,213*	1,118*	1,030*
COMMUNIST COUNTRIES							
Soviet Bloc							
USSR.....	1,056*	1,437*	1,699*	2,012*	2,100*	2,162*	2,122*
Eastern Europe							
Czechoslovakia.....	92*	81*	172*	198*	193*	244*	246*
East Germany ^e	65	95	73	97	21	53	60
Hungary.....	31*	5*	0*	8*	22*	15*	12*
Poland.....	85*	174*	180*	133*	49*	44*	68*
Rumania.....	48*	79*	10*	8*	35*	59*	85*
Far East							
Communist China.....	350*	530*	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	0	0	0	4	6*	15*	36

* An asterisk indicates that the data are unclassified.

^a Data include all railroad locomotives of 1,000 horsepower or more. Because of the lack of consistency, totals for the NATO and the Communist countries have been omitted. For data on diesel and electric locomotives, see Table 174, p. 182 and Table 175, p. 183.

^b Data include locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment. Data for gas turbine locomotive units, which are included in the total for the US but are not included in Table 174, p. 182, and Table 175, p. 183, are as follows: 1958, 25; 1959, 7; 1960, 12; 1961, 8; 1962, 1; 1963, 0; and 1964, 0.

^c Locomotives for government railroads only.

^d Data refer to locomotives added to the operating stock by the British Transport Commission and to exports.

^e Data differ from those presented in the previous *Handbook*, in which data included large opencast mine locomotives and small mine and industrial locomotives.

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MAINLINE DIESEL LOCOMOTIVES

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Table 174

Production of Mainline Diesel Locomotives in Selected NATO and Communist Countries
1958-64

	Units ^a						
	1958	1959	1960	1961	1962	1963	1964
NATO COUNTRIES							
US ^b	1,172*	1,091*	885*	954*	1,326*	1,322*	1,435*
France.....	226*	113*	143*	170*	183*	204*	165*
UK ^c	730*	896*	1,007*	788*	686*	648*	626*
West Germany.....	796*	822*	1,110*	738*	902*	816*	720*
COMMUNIST COUNTRIES							
Soviet Bloc.....	712*	1,002*	1,320	1,460*	1,520	1,620	1,620
USSR.....	712*	1,002*	1,303*	1,455*	1,483*	1,519*	1,484*
Eastern Europe ^d	0	0	15	8*	42	106	131
Czechoslovakia.....	0*	0*	3*	0*	4*	32*	19*
East Germany.....	0	0	2	0	3	15	27
Rumania.....	0*	0*	10*	8*	35*	59*	85*

* An asterisk indicates that the data are unclassified.

^a Units of 1,000 horsepower or more.

^b Data refer to locomotive units, delivered and exported, that are substantially new but may include a limited amount of used components.

^c Data refer to diesel locomotives added to the operating stock by the British Transport Commission and to exports.

^d Data have been revised and differ from the previous *Handbook*, in which data included industrial and mining locomotives.

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ELECTRIC LOCOMOTIVES

Table 175

Production of Mainline Electric Locomotives in the US and the Communist Countries
1958-64

	Units ^a						
	1958	1959	1960	1961	1962	1963	1964
US.....	0*	0*	1*	25*	27*	13*	0*
COMMUNIST COUNTRIES							
Soviet Bloc.....	418	547	603	812	895	952	978
USSR.....	344*	435*	396*	557*	617*	643*	638*
Eastern Europe.....	74	112	207	255	278	309	340
Czechoslovakia.....	52*	81*	169*	198*	189*	212*	227*
East Germany ^b	5	1	0	2	18	38	33
Hungary.....	0*	0*	0*	8*	22*	15*	12*
Poland.....	17*	30*	38*	47*	49*	44*	68*
Far East							
North Korea.....	0	0	0	4	6*	15*	36

* An asterisk indicates that the data are unclassified.

^a Units of 1,000 horsepower or more.^b Data differ from those presented in the previous *Handbook*, in which data included large opencast mine locomotives and small mine and industrial locomotives.

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FREIGHT CARS

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Table 176

Production of Railroad Freight Cars *
1958-64

Thousand Units								
	1958	1959	1960	1961	1962	1963	1964	
NATO COUNTRIES ^b	113*	81.0*	86.3*	68.2*	75.6*	75.7*	107*	
US ^c	44.28*	38.45*	57.31*	31.86*	36.56*	44.97*	69.08*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	63.0*	65.6*	64.9*	64.6*	65.6*	68.0*	72.7*	
USSR.....	40.30*	38.60*	36.40*	35.00*	35.70*	37.20*	39.50*	
Eastern Europe.....	22.7*	27.0*	28.5*	29.6*	30.0*	30.8*	33.2*	
Bulgaria.....	1.30*	2.00*	2.01*	1.17*	1.55*	1.63*	1.39*	
Czechoslovakia.....	5.37*	4.69*	5.15*	6.52*	4.60*	5.58*	5.09*	
East Germany.....	3.08*	2.96*	2.38*	1.90*	2.26*	2.60*	2.30*	
Hungary.....	0.33*	0.36*	0.45*	0.38*	0.41*	0.10*	0.40*	
Poland.....	9.78*	13.46*	13.89*	13.54*	15.49*	15.54*	15.66*	
Rumania.....	2.88*	3.58*	4.62*	6.04*	5.64*	5.32* ^d	8.32* ^e	
Far East								
Communist China.....	9.68*	17.30*	23.00	2.00	1.00	1.50	2.50	
North Korea.....	0.16*	0.35*	0.64*	1.60*	1.00*	1.24*	1.50*	
Other								
Yugoslavia.....	2.29*	2.92*	3.42*	2.35*	2.85*	2.76*	3.80*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada.....	5.31*	N.A.*	Italy ^f	3.26*	7.21*	West Germany ^h	10.90*	11.80*
France.....	6.78*	15.12*	UK ^g	42.26*	4.07*			

* An asterisk indicates that the data are unclassified.

^a Including cars of two, four, or more axles. Although the European NATO countries still are producing some smaller cars, most production in the US and the USSR now consists of four-axle units.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Shipments.^d Including about 1,100 cars that are not of standard gauge.^e Including at least 1,000 cars that are not of standard gauge.^f Including railroad passenger cars.^g Data refer to freight cars added to the operating stock by the British Transport Commission and to exports.^h Before 1960; excluding data for the Saar.

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PASSENGER AUTOMOBILES

Table 177

Production of Passenger Automobiles
1958-64 and 1965 Plan

	Thousand Units							
	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^a	8,210*	10,100*	11,900*	10,500*	12,900*	14,800*	15,200*	
US ^b	4,257.8*	5,591.2*	6,674.8*	5,542.7*	6,933.2*	7,637.7*	7,751.8*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	216*	244*	275*	296*	325*	339*	346*	
USSR.....	122.2*	124.5*	138.8*	148.9*	165.9*	173.1*	185.2*	
Eastern Europe.....	94.2*	119*	136*	148*	159*	166*	162*	
Czechoslovakia.....	43.4*	50.6*	56.2*	58.8*	64.3*	56.5*	42.1*	110*
East Germany.....	38.4*	52.7*	64.1*	69.6*	72.2*	84.3*	92.0*	108*
Poland.....	11.5*	14.2*	12.9*	14.4*	16.1*	18.3*	20.6*	
Rumania ^c	0.9*	1.5*	3.0*	4.7*	6.3*	6.4*	6.8*	
Far East								
Communist China ^c	0*	0.1*	0.2*	N.A.	N.A.	N.A.	N.A.	
Other								
Yugoslavia.....	2.9*	4.4*	10.5*	15.0*	13.1*	20.9*	27.8*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada ^b	298.3*	560.6*	Italy ^d	369.4*	1,028.4*	UK.....	1,051.6*	1,867.7*
France.....	924.2*	1,317.6*	Netherlands....	Negl.*	29.4*	West Germany ^e	1,306.9*	2,650.2* ^f
Other Free World Countries								
	1958	1964						
Japan.....	50.6*	579.7*						

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Factory sales, including parts shipped abroad for assembly.^c Including jeeps.^d Excluding production for the armed forces.^e Before 1960, excluding data for the Saar.^f Including data related to West Berlin, for which separate data are not available.

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TRUCKS AND BUSES

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Table 178

Production of Trucks and Buses ^a
1958-64 and 1965 Plan

Thousand Units

	1958	1959	1960	1961	1962	1963	1964	1965 Plan
NATO COUNTRIES ^b	1,680*	2,020*	2,250*	2,190*	2,290*	2,550*	2,700*	
US ^c	877.3*	1,137.4*	1,194.5*	1,133.8*	1,240.2*	1,462.7*	1,540.4*	
COMMUNIST COUNTRIES								
Soviet Bloc.....	446*	433*	454*	476*	481*	494*	498*	
USSR.....	388.9*	370.5*	384.8*	406.4*	411.5*	413.9*	417.9*	
Eastern Europe.....	56.7*	62.8*	69.5*	70.1*	69.8*	79.6*	80.6*	
Czechoslovakia.....	16.0*	17.2*	18.7*	18.7*	18.4*	15.8*	14.8*	22.3*
East Germany.....	15.7*	14.7*	12.9*	11.9*	8.0*	10.1*	10.0*	
Hungary.....	5.2*	4.9*	4.8*	5.4*	6.0*	6.1*	6.2*	
Poland.....	13.8*	18.0*	24.0*	24.0*	28.7*	33.8*	34.3*	
Rumania.....	6.0*	8.0*	9.1*	10.1*	8.7*	13.8*	15.3*	
Far East								
Communist China.....	16.0*	19.4*	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	0*	0.1*	3.1*	3.3*	4.5*	4.0*	5.0*	
Other								
Yugoslavia.....	4.8*	4.2*	5.5*	6.3*	7.3*	9.0*	10.2*	
Other NATO Countries								
	1958	1964		1958	1964		1958	1964
Canada ^d	61.4*	110.3*	Italy ^e	34.4*	61.5*	UK.....	312.9*	464.7*
France.....	203.6*	262.8*	Netherlands.....	1.6*	6.5*	West Germany ^f ...	187.8*	253.8* ^g

^a An asterisk indicates that the data are unclassified.^b Unless otherwise indicated, data refer to light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^d Factory sales, including parts shipped for assembly abroad.^e Factory sales.^f Excluding production for the armed forces.^g Excluding three-wheeled vehicles.^h Including data related to West Berlin, for which separate data are not available.

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INVENTORY OF AIRCRAFT

Table 179

Inventory of Aircraft in Scheduled Airlines in the US and the USSR •
1958-64

	Units						
	1958	1959	1960	1961	1962	1963	1964
US							
Total airliners.....	1,870*	1,830*	1,840*	1,850*	1,810*	1,760*	1,800*
Jet.....	6*	84*	202*	319*	396*	426*	558*
Turboprop.....	90*	213*	227*	257*	251*	248*	255*
Piston.....	1,777*	1,530*	1,413*	1,278*	1,162*	1,085*	990*
Transport helicopters.....	22*	23*	25*	19*	20*	20*	20*
USSR							
Total airliners.....	1,660	1,780	1,870	1,940	1,940	1,660	1,680
Jet.....	75	155	190	200	220	220	220
Turboprop.....	40	125	180	270	380	440	510
Piston.....	1,550	1,500	1,500	1,470	1,340	1,000	950
Transport helicopters.....	40	100	225	300	240	270	370

* An asterisk indicates that the data are unclassified.

• Data are as of the end of the year and exclude light aircraft.

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INVENTORY OF LOCOMOTIVES

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Table 180

Inventory of Locomotives *
1958-64

	Units						
	1958	1959	1960	1961	1962	1963	1964
NATO COUNTRIES ^b	84,500*	82,000*	79,800*	77,900*	74,500*	72,700*	N.A.*
US.....	31,616*	31,539*	31,178*	30,889*	30,701*	30,506*	N.A.*
COMMUNIST COUNTRIES							
Soviet Bloc.....	58,800	58,700	57,400	55,500	53,600*	52,100*	51,100*
USSR.....	36,100*	35,500*	34,200*	32,400*	30,200*	28,500*	26,800*
Eastern Europe.....	22,700	23,200	23,200	23,100	23,400*	23,600*	24,300*
Bulgaria.....	625	625	635	645	682*	732*	732*
Czechoslovakia.....	5,144*	5,189*	5,230*	5,143*	5,302*	5,382*	5,520*
East Germany.....	5,670*	6,036	6,023	5,980	5,980*	5,985*	5,985*
Hungary.....	2,400	2,450	2,460	2,500*	2,542*	2,575*	2,626*
Poland.....	5,910	5,850	5,800	5,838*	5,888*	5,922*	6,334*
Rumania.....	2,996*	3,002*	3,012*	3,014*	3,021*	3,052*	3,104*
Far East							
Communist China.....	4,250	5,550	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	N.A.	N.A.	350	360	374	390	425
North Vietnam.....	60	60	70	80	80	90	120
Other							
Albania.....	7*	9*	9*	9*	9*	9*	9*
Yugoslavia.....	2,282*	2,276*	2,325*	2,375*	2,323*	2,531*	N.A.*

Other NATO Countries

	1958	1963		1958	1963		1958	1963
Belgium.....	1,716*	1,348*	Italy.....	5,402*	4,686* ^c	Portugal.....	481*	424*
Canada.....	4,823*	3,385*	Luxembourg....	123*	91*	Turkey.....	946*	943*
Denmark.....	672*	676* ^c	Netherlands....	697*	675*	UK ^d	17,426*	11,366*
France.....	9,218*	7,633*	Norway.....	479*	384*	West Germany...	10,688*	10,330*
Greece.....	216*	234*						

* An asterisk indicates that the data are unclassified.

^a Including diesel, diesel-electric, steam, and electric locomotives.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including data for 1962 for private railroads.^d Including Northern Ireland.

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INVENTORY OF RAILROAD FREIGHT CARS

Table 181

Inventory of Railroad Freight Cars in NATO and Communist Countries *
1958-64

	Thousand Units						
	1958	1959	1960	1961	1962	1963	1964
US ^b	2,031.2*	1,980.4*	1,965.5*	1,905.3*	1,850.7*	1,784.0*	N.A.*
COMMUNIST COUNTRIES							
USSR ^c	903.8*	933.0*	948.9*	965.0*	980.0*	998.0*	1,015.0*
Bulgaria.....	18.8*	21.4*	22.8*	23.3*	27.1*	28.8*	30.5*
Czechoslovakia.....	128.4*	131.0*	134.0*	137.7*	141.0*	144.7*	146.1*
East Germany ^d	147.0	148.2	149.4	148.9	149.5	154.0	154.4
Hungary ^d	59.5*	60.8*	62.0*	64.6*	66.8*	69.0*	70.9*
Poland ^d	232.0*	242.0*	249.0*	253.3*	257.5*	258.8*	261.3*
Rumania.....	55.0*	55.3*	55.5*	59.7*	61.7*	62.6*	65.6*
Communist China ^e	96.3	112.5	131.9	132.1	130.0	129.0	129.0
North Korea ^e	N.A.	10.2*	10.4*	10.8*	11.7*	12.8*	14.2*
North Vietnam.....	0.9	N.A.	1.0	1.3	1.3	1.4	1.8
Albania ^d	0.3	0.4	0.5	0.7	0.7	0.7	0.7
Yugoslavia.....	71.2*	72.4*	72.6*	73.4*	73.2*	73.2*	73.2*

Other NATO Countries

	1958	1963		1958	1963		1958	1963
Belgium.....	78.9*	66.5*	Italy.....	131.1*	131.3* ^a	Turkey.....	17.1*	17.6*
Canada.....	196.9*	187.1*	Luxembourg...	3.7*	3.4*	UK ^b	1,025.0*	726.0* ^a
Denmark ^f	13.3*	11.8*	Netherlands...	23.2*	23.4*	West Germany...	304.3*	320.7*
France.....	373.7*	356.1*	Norway.....	12.5*	11.0*			
Greece.....	6.3*	5.8*	Portugal.....	10.2*	10.0*			

* An asterisk indicates that the data are unclassified.

^a Including cars of two, four, or more axles. The size of the car is given in the footnotes if it is known. Because of the lack of comparability in data, totals for NATO and the Communist countries are omitted.^b All freight cars have four axles or more.^c Of the freight cars in the USSR, more than 80 percent had four or more axles in 1963.^d Excluding narrow-gauge rolling stock.^e Most freight cars have four axles.^f Cars for government railroads only.^a Including data for 1962 for private railroads.^b Excluding privately owned tank cars.

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Table 183
Inventory of Merchant Fleet *
Selected Years, 1958-64

	1958		1960		1961		1962		1963		1964	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO COUNTRIES ^b	10,500*	72,700*	10,800*	79,800*	10,600*	81,400*	10,600*	84,000*	10,600*	86,400*	10,300*	86,600*
US ^c	3,047*	23,840*	2,960*	23,870*	2,810*	23,018*	2,715*	22,580*	2,691*	22,692*	2,598*	22,149*
COMMUNIST COUNTRIES ^d												
Soviet Bloc.....	854	3,220	1,020	4,220	1,090	4,680	1,220	5,560	1,350	6,450*	1,500	7,690
USSR ^e	721	2,629	829	3,283	871	3,586	960	4,200	1,058	4,900	1,175	5,960
Eastern Europe...	133*	594*	189*	932*	218*	1,090*	265*	1,360*	293*	1,550*	328*	1,730*
Bulgaria.....	9*	30*	15*	46*	21*	90*	24*	113*	30*	155*	37*	192*
Czechoslovakia..	5*	33*	11*	85*	10*	70*	9*	64*	11*	82*	12*	93*
East Germany...	15*	81*	29*	174*	35*	215*	54*	315*	62*	400*	76*	471*
Hungary.....	6*	7*	8*	10*	9*	11*	10*	12*	12*	14*	13*	15*
Poland ^f	91*	412*	119*	585*	129*	650*	147*	756*	159*	813*	166*	863*
Rumania.....	7*	31*	7*	32*	14*	53*	21*	99*	19*	84*	24*	92*
Far East												
Communist China ^g	109	327	147	516	156	564	157	576	156	567	163	608
North Korea.....	0*	0*	0*	0*	1*	2*	1*	2*	2*	3*	2*	3*
Other												
Albania ^h	N.A.	N.A.	4*	8*	6*	21*	7*	30*	8*	33*	8*	33*
Cuba ^b	15	41	28	89	28	89	28	94	32	124	33	134
Yugoslavia ^b	86	375	130	617	148	741	159	845	163	872	166	884
Other NATO Countries												Thousand GRT
	1958	1964			1958	1964			1958	1964		
Belgium.....	522*	711*	Iceland.....		49*	61*	Portugal.....		423*	560*		
Canada.....	289*	241*	Italy.....		4,654*	5,210*	Turkey.....		527*	619*		
Denmark.....	1,877*	2,319*	Netherlands.....		4,034*	4,582*	UK.....		18,292*	20,132*		
France.....	4,085*	4,710*	Norway.....		8,956*	13,714*	West Germany.....		3,577*	4,815*		
Greece.....	1,575*	6,788*										

* An asterisk indicates that the data are unclassified.

^a Including ships of 1,000 gross register tons (GRT) or more. Data for the NATO countries include all combination passenger and cargo ships, whereas those for the Communist countries exclude passenger ships that have small cargo capacities.

^b Data are as of midyear.

^c Including both private and government-owned fleets but excluding merchant ships owned by any military force.

^d Unless otherwise indicated, data are as of the end of the year.

^e Excluding the Caspian Sea fleet.

^f Including a varying number of ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1964, there were 19 of these ships, totaling 158,514 GRT.

^g Including coastal passenger ships.

^h Except for 1960, data include an unknown number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company.

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INVENTORY OF MERCHANT FLEET

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Other NATO Countries

	1958	1964		1958	1964		1958	1964
Belgium.....	111*	190*	Iceland.....	12*	11*	Portugal.....	79*	157*
Canada.....	116*	90*	Italy.....	1,427*	1,945*	Turkey.....	61*	110*
Denmark.....	682*	939*	Netherlands.....	1,167*	1,657*	UK.....	5,632*	7,904*
France.....	1,596*	2,174*	Norway.....	5,279*	7,326*	West Germany.....	405*	795*
Greece.....	166*	1,540*						

* Unless otherwise indicated, data are as of the end of the year and refer to ships of 1,000 gross register tons (GRT) or more and to whaling tankers.

* Including both private and government-owned fleets.

^d Excluding the Caspian Sea fleet.

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